



THE BULLETIN OF

*Saint Joseph's
College*

COLLEGEVILLE, INDIANA

1956 - 1957

Catalogue Number



Saint Joseph's College

Collegeville, Indiana

A Small College
For Men



Founded
1889



Conducted by
the Fathers of
the Society of the Precious Blood



Granting
B.A. and B.S. degrees



SIXTY-SIXTH
ANNUAL CATALOGUE
WITH
ANNOUNCEMENTS FOR
1956 - 1957

EXTENSION CENTER AND SUMMER SESSIONS

In addition to courses on campus, the College operates an Extension Center at Hammond, Indiana, known as the Saint Joseph's College **CALUMET CENTER**. Opened in 1951, the **CALUMET CENTER** offers courses for credit and in adult education. For further information, write to the Office of the Director, 4708 Indianapolis Blvd., East Chicago, Indiana.

A six-week **SUMMER SESSION** is offered on campus and at the **CALUMET CENTER**; an eight-week **SUMMER SESSION** in Field Geology is offered at Silver City, New Mexico. For further information, write to the Director of the Summer Session, Saint Joseph's College, Collegeville, Indiana.

ACCREDITATION

Saint Joseph's College is a member of or is accredited by the following associations and standardizing agencies:

American Council on Education

Association of American Colleges

Commission on Christian Higher Education of the Association of American Colleges

Indiana Association of Church Related and Independent Colleges

Indiana Conference of Higher Education

National Catholic Education Association

North Central Association of Colleges and Secondary Schools

State of Indiana Department of Public Instruction for the training of elementary and high school teachers.

Approved by the American Medical Association for pre-medical training.

TABLE OF CONTENTS

INTRODUCTORY

Accreditation	2
College Calendar	5
Board of Control	6
Board of Lay Trustees	6
Officers of Administration	7
Faculty and Staff	7
Purpose and Aims	13

GENERAL INFORMATION

15

Historical Sketch	15
-------------------------	----

Campus Buildings	16
------------------------	----

STUDENT PERSONNEL SERVICES

28

Student Aid Program	24
---------------------------	----

Organizations and Activities	28
------------------------------------	----

Supervision of Student Life	30
-----------------------------------	----

Student Expenses	32
------------------------	----

ACADEMIC POLICIES AND PROCEDURES

35

Curriculum Organization	45
-------------------------------	----

Divisions and Departments of Instruction	51
--	----

Religion and Philosophy	53
-------------------------------	----

Humanities	61
------------------	----

Natural Sciences	75
------------------------	----

Social Sciences	107
-----------------------	-----

Education	125
-----------------	-----

APPENDIX

Register of Students, 1955-1956	139
---------------------------------------	-----

Alumni Association	155
--------------------------	-----

Gifts and Bequests	155
--------------------------	-----

Index	156
-------------	-----

The policies and regulations of this catalogue are not to be considered as an irrevocable contract between the student and the College. The College reserves the right to change any portion of this catalogue.

CALENDAR for 1956

JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	APRIL S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JUNE S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JULY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	OCTOBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

CALENDAR for 1957

JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	APRIL S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JUNE S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JULY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	OCTOBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

COLLEGE CALENDAR 1956-1957

First Semester

September 9-12	Sunday-Wednesday, Induction and Orientation of new students.
September 13	Thursday, Registration for returning students; obligatory attendance at evening High Mass, 8:00 P.M. Official Opening of the School Year.
September 14	Friday, Classes begin at 8:00 a.m.
September 22	Saturday, Limit for changes in class schedule.
October 27	Saturday, Homecoming.
November 1	Thursday, Feast of All Saints. No classes.
November 3	Saturday, Mid-Semester grade report.
November 15	Thursday, Limit for permission to discontinue a course without penalty of failure.
November 21	Wednesday, Thanksgiving recess begins at noon.
November 26	Monday, classes resumed at 8:00 a.m.
December 6	Thursday, Annual Retreat begins at 8:00 p.m.
December 8	Saturday, Retreat closes.
December 19	Wednesday, Christmas vacation begins after last class or laboratory.
January 3	Thursday, Classes resumed at 8:00 a.m.
January 21-25	Monday-Friday, Semester examinations.

Second Semester

January 31	Thursday, Registration for second semester.
February 1	Friday, Classes begin at 8:00 a.m.
February 9	Saturday, Limit for changes in class schedule.
February 22	Friday, Washington's birthday, no classes.
March 7	Thursday, Feast of St. Thomas Aquinas, Patron of Schools; obligatory attendance at evening High Mass, 8:00 p.m.
March 8-10	Friday-Sunday, 40 Hours Devotion, closed week-end.
March 23	Saturday, mid-semester grade report. Free week-end; classes resumed Tuesday, March 26, 8:00 a.m.
April 1	Monday, limit for permission to discontinue a course without penalty of failure.
April 17	Wednesday, Easter recess begins after last class or laboratory.
April 24	Wednesday, classes resumed at 8:00 a.m.
May 1	Wednesday, Feast of Saint Joseph, Patron of the College; closed freeday.
May 3-4	Friday-Saturday, Comprehensive Examinations.
May 5	Sunday, Parents' Day.
May 17-18	Friday-Saturday, Graduate Record Examinations.
May 24-29	Friday-Wednesday, Semester Examinations.
June 2	Sunday, Baccalaureate Exercises.

BOARD OF CONTROL

Very Reverend Seraphin W. Oberhauser, C.PP.S.,* President
 Very Reverend Raphael H. Gross, C.PP.S.
 Very Reverend Herbert L. Linenberger, C.PP.S.
 Reverend Francis A. Hehn, C.PP.S., Treasurer
 Reverend Harold V. Diller, C.PP.S., Secretary
 Reverend John E. Byrne, C.PP.S.
 Reverend Edmund J. Ryan, C.PP.S.

BOARD OF LAY TRUSTEES

The Board of Lay Trustees was organized on December 8, 1950. Composed of alumni and non-alumni members, it is charged with the responsibility of giving assistance and advice on matters pertaining to the administration of the College.

Officers of the Board

Robert A. Gallagher, Indianapolis, Indiana, Chairman
 Rev. Joseph A. Otte, C.PP.S., Secretary

Members Ex-Officio

Very Reverend Raphael H. Gross, C.PP.S., President of the College
 Reverend Edward A. Maziarz, C.PP.S., Dean of the College
 Reverend Joseph A. Otte, C.PP.S., Treasurer of the College

Alumni Members

William A. Hanley, '08, Indianapolis, Indiana
 Justin H. Oppenheim, '19, Coldwater, Ohio
 Paul F. Schumacher, '24, Mishawaka, Indiana

Members at Large

Joseph H. Broderick, Muncie, Indiana
 Robert A. Gallagher, Indianapolis, Indiana
 Clarence A. Gramelspacher, Jasper, Indiana
 George S. Halas, Chicago, Illinois
 Charles A. Halleck, Rensselaer, Indiana
 Arthur Hellyer, Chicago, Illinois
 Morris E. Jacobs, Omaha, Nebraska
 Thomas A. Lewis, Chicago, Illinois
 James B. McCahey, Sr., Chicago, Illinois
 Frank M. McHale, Indianapolis, Indiana
 Richard A. O'Connor, Fort Wayne, Indiana
 John J. O'Laughlin, Oak Park, Illinois
 Garland L. Rathel, Kokomo, Indiana

* C.PP.S. These letters are the abbreviations of **Congregatio Pretiosissimi Sanguinis**, the official name of the Society of the Precious Blood. All the priests and brothers at Saint Joseph's are members of this religious community.

ADMINISTRATION

Very Reverend Raphael H. Gross, C.PP.S., A.M., Ph.D., President
 Reverend Edward A. Maziarz, C.PP.S., M.A., M.S., Ph.D., Dean
 Reverend Joseph A. Otte, C.PP.S., M.B.A., Treasurer
 Reverend Rufus H. Esser, C.PP.S., M.A., Secretary
 Reverend Joseph A. Smolar, C.PP.S., M.S., M.A., Coordinator of Student Affairs
 Reverend Charles H. Banet, C.PP.S., A.M.L.S., Librarian
 Reverend Daniel E. Schaefer, C.PP.S., Dean of Men
 Reverend Charles J. Robbins, C.PP.S., M.A., Registrar
 Reverend Leonard J. Kostka, C.PP.S., J.C.L., Chaplain
 Reverend Richard P. Baird, C.PP.S., Admissions Counsellor
 Reverend John P. Sheehan, C.PP.S., Supt. of Buildings and Grounds
 Reverend Ernest A. Lucas, C.PP.S., M.A., Director of Reading Clinic
 Reverend John M. Lefko, C.PP.S., A.B., Director of the Saint Joseph's
 College Foundation
 Reverend James I. Birkley, C.PP.S., M.A., Director of Extension Center
 Reverend Edward A. Maziarz, C.PP.S., M.A., M.S., Ph.D., Director of Summer
 Session
 Reverend Joseph Smolar, C.PP.S., M.S., M.A., Director of Athletics
 Reverend Gerard A. Lutkemeier, C.PP.S., B.S., in L.S., Assistant Librarian
 Mr. Salvatore A. Pupo, M.S. in Ed., Director of Guidance
 Mr. Hugh C. McAvoy, B.A., Alumni Field Secretary
 Cecil E. Johnson, M.D., College Physician
 Miss Nell Harris, R.N., Director of Health Service
 Miss Helen Skinner, M.S., Dietician

FACULTY

Very Reverend Raphael H. Gross, C.PP.S., A.M., Ph.D., President
 1941* — Professor of English. A.M., University of Michigan, 1941!
 Ph.D., University of Montreal, 1952. Appointed President, 1951.
 Reverend Donald L. Ballman, C.PP.S., M.S.**
 1956 — Instructor in Geology. M.S., University of Illinois, 1956.
 Reverend Charles H. Banet, C.PP.S., A.M.L.S., Librarian
 1952 — A.M.L.S., University of Michigan, 1951; *ibid.*, 1951-1952.
 Jay Barton II, A.M., Ph.D.
 1955 — Assistant Professor of Biology. A.M., University of Missouri,
 1948; Ph.D., *ibid.*, 1951.
 Reverend James I. Birkley, C.PP.S., M.A., Director of Extension Center
 1946 — Assistant Professor of English. Ohio State University, 1946-
 1947; M.A., University of Notre Dame, 1951.
 Donald E. Brinley, M.A., M.A. (Cand.)
 1955 — Instructor in English and Philosophy. M.A., Catholic University
 of America, 1951; M.A. (Cand.), *ibid.*

* The first date indicates the year of appointment to Saint Joseph's.

** Absent on leave for graduate study.

Ralph M. Cappuccilli, A.M.

1948 — Assistant Professor of Speech and Dramatics. A.M., University of Michigan, 1951.

Reverend Raymond M. Cera, C.PP.S., M.A.,

1948 — Assistant Professor of Spanish. M.A., Saint John's University, Brooklyn, 1951.

Reverend Cletus F. Dirksen, C.PP.S., M.A., Ph.D.

1941 — Associate Professor of Politics. M.A., Catholic University of America, 1941; Saint John's University, Brooklyn, Summer, 1942; Ph.D., University of Notre Dame, 1947.

Reverend Boniface R. Dreiling, C.PP.S., M.S.

1940 — Associate Professor of Physics. M.S., Catholic University of America, 1940; University of Chicago, 1943-1946.

Reverend Marcellus M. Dreiling, C.PP.S., M.S.

1939 — Associate Professor of Mathematics. M.S., Catholic University of America, 1939.

Reverend Alvin W. Druhman, C.PP.S., M.A., Ph.D.

1948 — Assistant Professor of English. M.A., Saint John's University, Brooklyn, 1950; Ph.D., *ibid.*, 1952.

Thomas B. Dumas, LL.B.

1947 — Lecturer in Business Administration. LL.B., Indiana University, 1942.

Reverend William L. Ellerman, C.PP.S., B.S., M.S., (Cand.)

1954 — Instructor in Accounting. B.S., Saint Louis University, 1954; M.S. (Cand.), *ibid.*

Reverend Gilbert F. Esser, C.PP.S., M.A.

1930 — Professor of Latin. M.A., Catholic University of America, 1930; Columbia University, Summer, 1938.

Reverend Rufus H. Esser, C.PP.S., M.A., Secretary of the College.

1925 — Professor of English, Chairman of the Division of Humanities. M.A., Catholic University of America, 1927; Indiana University, Summers, 1930, 1931.

James T. Farrell, M.A., Ph.D. (Cand.)

1956 — Assistant Professor of English. M.A., Marquette University, 1950; Ph.D. (Cand.), Indiana University.

Reverend Frederick L. Fehrenbacher, C.PP.S., M.A.

1928 — Professor of History. University of Notre Dame, Summers, 1928, 1929; University of Illinois, Summer, 1930; M.A., Catholic University, Summer, 1932.

Reverend Aloys H. Feldhaus, C.PP.S., J.C.L., J.C.D.

1954 — Professor of Religion. J.C.L., Catholic University of America, 1926; J.C.D., *ibid.*, 1927.

Reverend Dominic B. Gerlach, C.PP.S., M.A.

1952 — Instructor in History. M.A., Saint Louis University, 1952; University of Michigan, Summer, 1956.

Reverend Norman L. Heckman, C.PP.S., A.M.

1940 — Associate Professor of Chemistry. University of Wisconsin, 1943-1944; A.M., Indiana University, 1947.

Reverend Francis A. Hehn, C.PP.S., M.A., C.P.A.

1933 — Professor of Accounting. M.A., Catholic University of America, 1932; Western Reserve University, Summer, 1933; Gregg College, Chicago, Summer, 1935; C.P.A., State of Indiana, 1944.

Reverend Lawrence F. Heiman, C.PP.S., M.A.

1943 — Associate Professor of Speech and Music. M.A., Catholic University of America, 1949; Marquette University, Summer, 1950.

Sister Mary Anthonita Hess, C.PP.S., M.A., Ph.D.

1956 — Assistant Professor of History. M.A., Catholic University of America, 1942; Ph.D., *ibid.*, 1949.

Reverend Joseph A. Hiller, C.PP.S., M.A., Ph.D.

1933 — Professor of German. M.A., Catholic University of America, 1932; University of Cincinnati, 1935-1937; Ph.D., Catholic University of America, 1940.

Reverend James W. Hinton, C.PP.S., M.A.

1952 — Instructor in English. M.A., University of Notre Dame, 1951; Marquette University, Summers, 1952-1955.

Peter F. Holub, M.A., Ph.D. (Cand.)

1956 — Assistant Professor of English. M.A., University of Pittsburgh, 1948; Columbia University, Summers, 1950-1952; Ph.D. (Cand.), Cornell University.

Robert T. Jauron, B.S., M.S., (Cand.)

1954 — Instructor in Physical Education. B.S., Boston College, 1942; Bradley University, Summers, 1950-1952; M.S., (Cand.), Purdue University.

Bryce J. Jones, M.S., Ph.D.

1955 — Assistant Professor of Economics. M.S., Saint Louis University, 1951; Ph.D., *ibid.*, 1955.

Reverend Edwin G. Kaiser, C.PP.S., S.T.D.

1944 — Professor of Religion. S.T.D., Saint John Lateran, 1923; Gregorianum University, 1923-1924; Saint Louis University, Summer, 1947.

Paul E. Kelly, A.M.

1950 — Associate Professor of Business Administration. A.M., Colorado State College of Education, 1941.

Reverend Joseph B. Kenkel, C.PP.S., Ph.D.

1922 — Professor of Economics, Chairman of the Division of Social Sciences. Ph.D., Catholic University of America, 1922.

Reverend Cletus G. Kern, C.PP.S., M.A.

1940 — Associate Professor of Philosophy, Chairman of the Division of Religion and Philosophy. M.A., Catholic University of America, 1938.

Richard L. Kilmer, M.A., Ph.D. (Cand.)

1953 — Assistant Professor of History. M.A., University of Notre Dame, 1947; Ph.D. (Cand.), *ibid.*

Reverend John R. Klopke, C.PP.S., M.A.

1955 — Instructor in Philosophy. M.A., Fordham University, 1955.

Reverend Leonard J. Kostka, C.PP.S., J.C.L.

1948 — Assistant Professor of Religion. J.C.L., Catholic University of America, 1942; Seton Hall University, Summer, 1948; Saint Louis University, Summer, 1954.

Reverend William Kramer, C.PP.S., L.Sc.N., Sc.D.

1953 — Instructor in Chemistry. L.Sc.N., University of Fribourg, Switzerland, 1951; Sc.D., *ibid.*, 1952.

Reverend Clarence J. Kroeckel, C.PP.S., M.S.

1933 — Professor of Biology, Chairman of the Division of Natural Sciences. M.S., Catholic University of America, 1933; University of Chicago, Summer, 1944; University of Notre Dame, 1945-1948.

Reverend Clement J. Kuhns, C.PP.S., M.A.

1948 — Assistant Professor of Classical Languages. M.A., Catholic University of America, 1952.

Reverend Robert F. Lechner, C.PP.S., Ph.D.

1946 — Assistant Professor of Philosophy. Ph.D., University of Fribourg, Switzerland, 1950.

Lloyd C. Lee, M.A., Ph.D. (Cand.)

1955 — Instructor in Education and Sociology. M.Ed., University of Georgia, 1949; Vanderbilt University, 1949-1950; Ph.D. (Cand.), Catholic University of America.

Reverend George J. Lubeley, C.PP.S., S.T.L., S.T.D. (Cand.)

1954 — Assistant Professor of Religion. S.T.L., University of Fribourg, Switzerland, 1947; S.T.D. (Cand.), University of Ottawa.

Reverend Ernest A. Lucas, C.PP.S., M.A.

1953 — Instructor in Education. M.A., University of Notre Dame, 1953.

Reverend Gerard A. Lutkemeier, C.PP.S., B.S. in L.S.

1937 — Assistant Librarian. B.S. in L.S., Catholic University of America, 1946.

Brother John A. Marling, C.PP.S., B.S.

1938 — Assistant Professor of Mathematics. B.S., Saint Joseph's College, 1938; Catholic University of America, Summer, 1951.

Reverend Henry J. Martin, C.PP.S., M.S. in Ed., Ed.D.*

1940 — Associate Professor of Education. M.S. in Ed., Indiana University, 1945; Ed.D., *ibid.*, 1950.

Reverend Edward A. Maziarz, C.PP.C., M.A., M.S., Ph.D., Dean

1942 — Associate Professor of Philosophy. M.A., Catholic University of America, 1941; M.S., University of Michigan, 1945; University of Virginia, Summer, 1945; Laval University, Summer, 1947; Ph.D., University of Ottawa, 1949.

Reverend Carl Nieset, C.PP.S., M.S.

1937 — Associate Professor of Geology. M.S., Catholic University of America, 1936; Purdue University, Summer, 1937; University of Texas, Summer, 1943.

* Absent on leave.

Dale O'Connell, B.S., M.S. (Cand.)

1955 — Instructor in Physical Education. B.S., University of New Hampshire, 1947; *ibid.*, 1948-1951; M.S. (Cand.), Purdue University.

Reverend Joseph A. Otte, C.PP.S., M.B.A., Treasurer

1942 — Associate Professor of Accounting. M.B.A., University of Michigan, 1942.

Reverend Walter T. Pax, C.PP.S., M.A., Ph.D.*

1930 — Professor of Education, M.A., Catholic University of America, 1930; Ph.D., *ibid.*, 1937.

Salvatore A. Pupo, M.S. in Ed., Director of Guidance

1951 — Assistant Professor of Education. M.S. in Ed., University of Notre Dame, 1950; Ohio State University, 1950-1951.

Bernard E. Qubeck, B. Mus., M.Mus. (Cand.)

1956 — Instructor in Music. B. Mus., Roosevelt University, 1948; Indiana University, Summer, 1947; M.Mus. (Cand.), Roosevelt University.

Reverend Charles J. Robbins, C.PP.S., M.A., Registrar

1940 — Associate Professor of Classical Languages. M.A., Catholic University of America, 1945.

Reverend Edward M. Roof, C.PP.S., M.A.

1929 — Associate Professor of Latin. M.A., Catholic University of America, 1931.

Reverend Charles R. Rueve, C.PP.S., M.S., Ph.D. (Cand.)

1946 — Assistant Professor of Mathematics. M.S., University of Notre Dame, 1949; Ph.D. (Cand.), *ibid.*

Reverend Ambrose A. Ruschau, C.PP.S., M.S.

1955 — Instructor in Physics. M.S., Saint Louis University, 1956.

Richard F. Scharf, M.S. in P.Ed., H.S.D. (Cand.) *

1940 — Associate Professor of Physical Education. M.S. in P.Ed., Indiana University, 1949; H.S.D. (Cand.), *ibid.*

Reverend Joseph F. Scheuer, C.PP.S., M.A., Ph.D.

1946 — Assistant Professor of Sociology. University of Michigan, Summer, 1947; M.A., Fordham University, 1950; Ph.D., *ibid.*, 1956.

Reverend Norman G. Schmock, C.PP.S., M.S.

1944 — Assistant Professor of Natural Sciences. Saint Louis University, Summer, 1944; M.S., Institutum Divi Thomae, 1948.

Reverend Donald F. Shea, C.PP.S., A.M., Ph.D.

1947 — Assistant Professor of History. A.M., University of Michigan, 1947; Ph.D., Loyola University, 1956.

Reverend Urban J. Siegrist, C.PP.S., M.S.

1936 — Associate Professor of Biology, Director of the Institutum Divi Thomae Research Station. M.S., Catholic University of America, 1936; Institutum Divi Thomae, 1943-1946.

* Absent on Leave; Chairman, Department of Education, De Paul University.

* Absent on Sabbatical leave, Indiana University.

Sister Mary Theona Smith, C.PP.S., M.A.

1956 — Instructor in English. M.A., University of Dayton, 1946; Saint Louis University, Summers, 1949-1953.

Reverend Joseph A. Smolar, C.PP.S., M.S., A.M., Coordinator of Student Affairs

1945 — Assistant Professor of Biology. M.S., Institutum Divi Thomae, 1945; A.M., Indiana University, 1950.

Paul C. Tonner, B.Mus.

1918 — Professor of Music. B.Mus., University Extension Conservatory, Chicago, 1931; Van Der Cook Music Conservatory, Summer, 1949.

Willard G. Walsh, M.F.A.

1954 — Assistant Professor of English and Speech. M.F.A., Fordham University, 1949; Certificate, American Academy of Dramatic Arts, 1953.

Elmer A. Walter, Ph.D.

1954 — Assistant Professor of Geology. Ph.D., Karl Franzens University, Graz, Austria, 1951.

Reverend Paul R. White, C.PP.S., M.A.

1956 — Instructor in Economics. University of Michigan, Summer, 1955; M.A., Catholic University of America, 1956.

Reverend Albert A. Wuest, C.PP.S., M.S.

1934 — Associate Professor of Chemistry. M.S., Catholic University of America, 1938.

ASSOCIATES IN TEACHER EDUCATION

Billie J. Holmes, M.S. in P.Ed.

1955 — Supervising Teacher of Physical Education, Remington High School. M.S. in P.Ed., Purdue University, 1954.

E.E. Loveless, M.S. in Ed.

1955 — Superintendent, Brook-Iroquois Consolidated Schools. M.S. in Ed., Purdue University, 1941.

Norman Tanksley, M.S. in Ed.

1955 — Supervising Teacher of Social Studies, Brook-Iroquois Consolidated Schools. M.S. in Ed., Purdue University, 1952.

Donald Utter, M.S. in Ed.

1955 — Principal, Remington High School. M.S. in Ed., Purdue University, 1951.

PURPOSE AND AIMS

The general purpose of Saint Joseph's College is to offer its students a college education which embodies the principles and practices of the Catholic way of life. The achieving of this purpose implies that as the student advances in his course he learns to think, judge, and act more readily in accord with right reason guided by the mind and teaching of the Church. Saint Joseph's makes its own the principle enunciated by Pope Pius XI, that the object of Christian education is to prepare a man "for what he must be and for what he must do here below, in order to attain the sublime end for which he was created."

For the attainment of this general purpose, the College proposes for itself the following specific aims:

1. To offer such facilities for religious worship, instruction, and guidance as will lead the student to a more thorough understanding, a more genuine love, and a more generous practice of his Faith, and to acceptance of it as the supreme standard by which he will measure life's other values.

2. To assist the student in his intellectual growth so that as he gains knowledge he may also the better develop correct methods of thinking, cultivate worthy attitudes and appreciations, and improve his ability to express ideas effectively.

3. To provide a program of general education which acquaints the student with the facts and the methods of inquiry in the chief fields of knowledge, namely, religion and philosophy, humanities, natural sciences, and social sciences. This program, completed in the main during the freshman and sophomore years, lays the foundation for advanced work.

4. To provide a program of advanced education enabling the student to gain deeper insight and wider comprehension in that field of knowledge which he chooses for concentrated study. This program, confined largely to the junior and senior years, aims to complete the basic training for the student's future career, including entrance into a graduate or professional school.

5. To provide a program of professional education preparatory for immediate entrance into certain professions upon graduation. The program does not restrict itself to professional courses but draws also from the offerings in the programs of general and advanced education.

6. To safeguard the student's health and to promote his physical fitness through an organized health service and a program of recreational activities.

7. To aid the student, through personal guidance, assistance, and supervision, to realize his individual dignity, duties, and capacities.

8. To foster in the student a lively appreciation of his social and civic obligations. In particular, the College aims to present the Christian virtues of justice and charity as the firm foundation upon which the student should build his life as a member and citizen of his community and country.

These aims the College construes not as separate and independent but as interrelated, not as pertaining to the classroom alone but as pervading the student's entire campus life. Each member of the staff accepts the obligation to contribute not only to the specific aims in his assigned field of work but also to the balanced Christian development of the whole student.

GENERAL INFORMATION

HISTORICAL SKETCH

In 1868, a frame dwelling was erected a mile south of Rensselaer as a home for thirty-five orphans. The home was closed in 1887. Two years later, the Most Reverend Joseph Dwenger, bishop of the Diocese of Fort Wayne, offered the vacant orphans' home and the land to Father Henry Drees, then Provincial of the Society of the Precious Blood, with the stipulation that a college be founded there. During the same year, 1889, Saint Joseph's College was incorporated under the laws of the State of Indiana with the right to grant the usual degrees.

With the coming of summer, 1891, the first building, now the southern half of the Administration Building, was finished, and the first students were enrolled. In 1893 the building was extended to its present proportions.

Education at early Saint Joseph's was on two distinct levels, the high school and the junior college. The aim was to prepare students for professional schools and seminaries, for teaching, and for immediate entry into business. The new college passed its first major landmark June 16, when it presented diplomas to twelve students, its first class of graduates.

The original aims of Saint Joseph's changed little up to 1925. At that time the college was converted into a minor seminary, and for a period of six years admitted only students preparing for the priesthood. The status of academy and junior college was re-established in 1931, and plans for the expansion of the school were formulated. Saint Joseph's began to operate as a senior college in 1936, and in June, 1938, its first class of four-year men was graduated.

Principal buildings on the campus at the time were the Chapel, Administration Building, Gaspar Hall, Dwenger Hall, Science Hall, Drexel Hall, and the Power Plant. A building program was launched in the summer of 1939, and between that year and 1941 were erected Seifert Hall, Noll Hall, Xavier Hall, and the Fieldhouse.

The program of expansion was cut short by the war and was not resumed until the summer of 1946 when extensive work was done on the Cafeteria, Fieldhouse, Library, and Publications Building. Plans are already well developed for an extensive landscaping program and for the erection of several additional buildings.

Since its founding in 1889, Saint Joseph's has had the following twelve presidents: The Very Revs. Augustine Seifert, Benedict Boebner, Hugo Lear, Ignatius Wagner, Didacus Brackmann, Joseph Kenkel, Rufus Esser, Cyril Knue, Aloys Dirksen, Henry Lucks, Alfred Zanolar, and Raphael Gross.

CAMPUS AND BUILDINGS

One hundred and thirty acres have been laid out in parks, lawns, and campus. Dotting the campus are fourteen buildings designed to serve the educational needs of Saint Joseph's students.

The Administration Building is centrally located near the main entrance to the campus. The first floor houses the offices of administration. The second and third floors afford residence for members of the faculty.

The Chapel, dedicated in May, 1910, is the most imposing edifice on the campus. It is an attractive brick and stone structure in the Romanesque style of architecture. Its large sanctuary provides ample room for the proper observance of the beautiful solemn ceremonies of the Church. Beneath the chapel is the cafeteria. Renovated in the summer of 1946, this large hall easily accommodates Saint Joseph's students in bright and cheerful surroundings. •

Gaspar Hall, one of the oldest buildings on the campus and formerly a faculty residence, comfortably houses approximately fifty students. It is named in honor of the founder of the Society of the Precious Blood, Saint Gaspar del Bufalo.

Dwenger Hall, named for the second bishop of the Diocese of Fort Wayne, serves as an infirmary and dispensary. It was erected during the summer of 1907.

Drexel Hall was at one time used as a school for Indians. Renovated in 1937, the three-story structure became the home of Saint Joseph's upper classmen. It is named after Mother Catherine Drexel who provided funds for its erection.

Xavier Hall, dedicated to Saint Francis Xavier, patron of the Society of the Precious Blood, is the residence of the students who are preparing for the priesthood in the Society. It was erected in the fall of 1940.

Seifert Hall, residence hall for sophomores, was finished in 1939. It was named for Saint Joseph's first president, the Very Reverend Augustine Seifert, C.P.P.S. The hall accommodates one hundred and fifty students.

Merlini Hall was dedicated in the fall of 1940. It has been named after the Venerable John Merlini, the Third Moderator-General of the Society of the Precious Blood. It accommodates ninety students.

Noll Hall, dedicated in the spring of 1955, is named after the Most Reverend John F. Noll, Bishop of Fort Wayne, an alumnus and generous patron of the college. It houses ninety-eight students.

Bennett Hall, dedicated in the spring of 1955, is named after the Most Reverend John G. Bennett, first Bishop of Lafayette in Indiana, an alumnus and generous patron of the college. It houses ninety-eight students.

The Science-Library Building consists of a north-south wing, completed in 1915, and an east-west wing, added in 1936. The former houses the music department, the auditorium, and the library. The new wing is devoted to classroom space, physics, chemistry, biology, geology, and special research laboratories.

The Publications Building is a former power plant which was completely renovated in 1946 to provide space for offices of the various campus publications. In addition it houses the offices of the Saint Joseph's College Alumni Association.

The Fieldhouse was erected in 1940. Changes made in 1946 have provided seating for two thousand spectators and locker space for some five hundred participants in the sports program.

The Raleigh Recreation Hall, located near the Fieldhouse, was erected in 1947. This building is furnished with a spacious lounge, soda fountain, billiard and pool tables, and card and game rooms.

THE LIBRARY

The library is a vital part of the institution's educational program. It attempts not only to implement and extend class instruction by stimulating study and research, but also to supply such recreational reading material as will foster a love for good books and cultural reading generally.

The library, greatly enlarged and refurnished in 1946, is centrally located, convenient to classrooms and residence halls. In its new location it comprises over eighteen thousand square feet of floor space, sufficient to seat two hundred students and to accommodate more than one hundred thousand volumes. Though the entire library was planned to be functional, it provides an atmosphere of quiet, simple beauty. Here in well-lighted rooms, conducive to study, the student will find selected material for research and for leisure-time reading. Near the circulation desk and reference room is the reference librarian's desk, where a trained librarian is

ready to help the student on a research project or to give him guidance in a reading program.

On the main floor, besides the reference room and current periodicals room, is a special reading room where the student has access to collections of the "great books" of all ages.

For the student's convenience there is a room set aside for typing and for microfilm reading. Two conference rooms are also provided on the main floor where small classes may use extensive library material as part of their class work. These rooms are available to groups of students working together on some project requiring cooperative use of library materials. In the lower stack area there are forty-five carrels which provide the student with an individual study desk located near a large, selected group of bound periodicals and journals.

The library has over fifty-seven thousand books and bound periodicals. There is also a large collection of Government documents. Over four hundred and fifty periodicals are currently received. In vertical files, in the reference room, there is a selected group of pamphlets and a separate collection of vocational guidance material.

Special instruction in the use of the library forms an important part of the orientation program during freshman week. This systematic introduction to the resources of the library is continued throughout the first semester so that students in every department may obtain immediate library efficiency for their college work and may retain a life-long acquaintance with library tools.

LABORATORY FACILITIES

Science Hall houses the laboratory facilities for the Departments of Biology, Chemistry, Geology, and Physics.

The biology laboratories, situated on the second floor of Science Hall, provide up-to-date equipment for courses in fundamental zoology and botany, microtechnique, bacteriology, embryology, histology, comparative vertebrate anatomy, human anatomy, and physiology.

On the third floor of Science Hall are well-equipped laboratories for the use of students of general inorganic and organic chemistry, biochemistry, quantitative and qualitative analysis, and physical chemistry. In addition there is a large demonstration laboratory.

Geology laboratories, adequate for courses in physical geology, historical geology, mineralogy, petrology, and paleontology, are found on the basement level in Science Hall.

The physics laboratories, also situated on the basement level in Science Hall, are equipped for courses in general college physics, electricity and magnetism, physical optics, meteorology, physics of radiology, modern physics, heat, electronics, and radio.

RESEARCH

In September of 1946, Father Urban J. Siegrist began special research work in connection with the Institutum Divi Thomae, a graduate department of the Athenaeum of Ohio which was founded in 1928 by the Most Reverend John T. McNicholas, O.P., S.T.M., Archbishop of Cincinnati.

A laboratory for research in cellular physiology was built in 1955 under the direction of Doctor Jay Barton who is currently investigating the chemistry and physiology of all nuclei.

MUSIC DEPARTMENT

Saint Joseph's has long recognized the value of music and its contribution to a liberal education. The College seeks to give every student an opportunity for musical expression according to his talent or inclination. In addition to the courses in musical theory, instruction in applied music is available in voice, piano, organ, and all band and orchestral instruments. Students with previous training and experience are urged to join the band, orchestra, or glee club.

STUDENT PERSONNEL SERVICES

ORIENTATION PROGRAM

At the opening of the fall semester, the College conducts orientation exercises for all new students. Placement tests are given to provide a basis for counseling and guiding the students in the selection of courses and in assigning them to class sections. Faculty members act as counselors and assist new students in planning their programs for the first semester. In meetings held during the week, the student learns about Saint Joseph's — its traditions, equipment, regulations, and opportunities.

It is the purpose of the College to make the activities of orientation week as interesting and helpful as possible, so that by the time classes begin the new students are settled and are acquainted with the campus, the faculty, and classmates.

THE TESTING PROGRAM

Students entering Saint Joseph's take orientation tests in various fields, the results of which are used chiefly to give the counselor information needed in planning wisely the educational program of his counselees.

Other tests required of all students, in addition to those prescribed by the instructors in their classes, are the Sophomore General Culture Test, administered at the end of the second year, and the Graduate Record Examination, which the student takes prior to graduation. Results of these are used to check the student's progress and to compare the achievement of Saint Joseph's students with that of students of other colleges.

STUDENT GUIDANCE

The Director of Guidance assigns to each freshman a member of the faculty to act as his advisor in educational, vocational, and personal matters. Students above the freshman level are permitted to select their own counselors from a list prepared by the Director of Guidance.

Each faculty counselor has access to grades, test results, health record, and other pertinent information on his counselees so that he may be better acquainted with their individual problems.

READING AND STUDY CLINIC

Most recent of the personnel services established by the college for the benefit of its students is the Reading and Study Clinic de-

signed to increase the efficiency of skills required in reading and study procedures.

Recognizing that deficiencies in study and reading habits may prevent students from meeting required standards of college work, the College has arranged that any student may request the services of the clinic; he may also be referred to the clinic by an instructor or faculty counselor.

RELIGIOUS EXERCISES

The forming of a true Christian character in the student is the highest aim in education. This happy result can be attained only through religion. The student, therefore, should prize the knowledge and love of religion as his richest possession, and he should be eager to do his part in helping to create and to maintain a religious atmosphere in the daily life on the campus.

All Catholic students are required to make the annual student retreat and are urged to attend daily Mass and Benediction as also the various devotions. Opportunity for confession is available daily.

The program of religious exercises is arranged by the Chaplain, who is likewise available for consultation on matters of religious observance.

HEALTH SERVICE

The student infirmary and the dispensary are under the supervision of a trained attendant. To insure proper care, quiet, and comfort for sick students, the infirmary is provided with efficient and modern equipment.

At Saint Joseph's, emphasis is placed upon health and physical fitness. All students accepted for admission are required to furnish a statement from a reputable physician attesting to a state of general good health. They are further required to present evidence of immunization against smallpox and diphtheria within the previous twelve months.

All entering students are given a thorough physical examination by the college health service staff. Included in this examination is a tuberculin test. Those who react positively are given a chest X-ray examination.

Members of the college athletic teams are examined annually by the college physician to insure the physical fitness of all players.

VETERAN ASSISTANCE

In 1944, and again in 1952, Saint Joseph's received official approval as a school for veterans of military service under the pro-

visions of Public Laws 16 and 346 for the World War II veteran, and Public Law 550 for the Korean veteran. For further information, veterans should address the office of the Registrar.

PLACEMENT

The College does not regard its work as finished until it has seen its graduates established in suitable employment. A placement bureau is operated by an experienced staff member who advises the student in choosing his first job and, when necessary, assists him in finding employment in his chosen field, both directly and through cooperation with recognized governmental and private employment agencies.

BANK

For the convenience and education of the student, the College operates a private banking system. The student may deposit and withdraw from his account at will. Through this convenience he will learn to handle his funds with discretion and foresight.

LOAN FUND

The student loan fund exists for the benefit of students who are unable to meet their current expenses. The amount available for an individual student is limited to \$100 for any semester. Application for a loan extending six months or longer must be filed with the Treasurer at least three weeks before the loan will be granted; a short term loan may be arranged upon request.

RECREATION AND ATHLETICS

Recreational activities have been a part of every civilization, and educators, past and present, are in agreement that competitive sports can be helpful in directing the energies of young men into wholesome channels to the end that student health be safeguarded and physical fitness promoted. Intercollegiate athletics, properly supervised and controlled, contribute to the total educational program of a college.

Saint Joseph's is a member of the Indiana Intercollegiate Athletic Conference. A program of intercollegiate games is provided in football, basketball, baseball, track, golf, bowling, and tennis. In addition, the College also supports a well-developed program of intramural games with the idea that all students should participate in sports and "carry-over" recreational skills useful in a society apparently destined to enjoy increasingly more leisure time.

Students participating in intramurals are urged to get insurance coverage; the College will not be responsible for injuries incurred in intramural games.

Furthermore, in order to develop leaders in the area of physical education, the College maintains a Department of Physical Education staffed by competent teachers, supported by a curriculum of standard quality, and supplemented by "laboratory" experience provided through its program of intercollegiate and intramural sports. In all forms of recreation and physical development, the spirit of a friendly competition is encouraged and the habit of fair play is inculcated.

In its athletic program, Saint Joseph's College is governed by the policies of the North Central Association of Colleges and Secondary Schools and by the rules of the Indiana Intercollegiate Conferences.

Recognizing the excellent athletic and physical training facilities provided by Saint Joseph's, the Chicago Bears of the National Professional Football League have selected the College as their pre-season training site each summer since 1944.

MILITARY SERVICE

Selective Service provides qualified students with various opportunities for deferment, and the College makes special effort to acquaint its students with these opportunities.

The Selective Service regulations, as they affect students, were written so as to provide young men with an opportunity to attain the highest educational status possible in order that they may be better suited to serve the defense needs of the nation. It is the experience of the College and its students that almost all draft boards agree with this objective and are willing to defer qualified students to enable them to continue their education. A folder outlining current Selective Service regulations as they affect students is available upon request from the College.

While Saint Joseph's does not offer R.O.T.C. programs, students in our accredited College are eligible to enlist in the U.S. Marine Corps Platoon Leaders Class, a program carrying draft deferment until graduation and leading to a commission and active duty in the Marine Corps. A folder descriptive of the Platoon Leaders Class is available at the College.

Representatives of the various branches of the armed forces periodically visit the campus to acquaint students with the opportunities for specialized service after graduation.

STUDENT AID PROGRAM

Students who need financial aid and meet the requirements of the various programs may avail themselves of the Academic Scholarship, Grants-in-Aid, and Student Employment programs. The College expects that all students who need aid will also help themselves through gainful employment during the summer months and at Christmas time.

ACADEMIC SCHOLARSHIPS

Saint Joseph's College annually offers \$20,000.00 in academic scholarships to worthy and needy high school seniors. The scholarships are awarded on the basis of academic achievement and promise as determined by the student's high school record and his scores on the College Entrance Examination Board Tests. (Scores of the Scholarship Qualifying Test taken in October for the Scholarship Testing Program of Indiana Colleges and Universities may be substituted for Indiana high school seniors. Scores of this same test may be substituted for seniors who take the test in October in other states. Seniors should request that the scores of the test be sent to Saint Joseph's College.) The amount of the scholarship is based on the student's financial needs as determined by the College in cooperation with the College Scholarship Service. While the amount of the scholarship will vary with financial need, it will never exceed \$500.00 a semester.

STEPS IN APPLYING FOR A SCHOLARSHIP

1. Obtain Scholarship Application Form by writing to the Admissions Counselor, Saint Joseph's College, Collegeville, Indiana.
2. Fill out Scholarship Application Form and mail to the Admissions Counselor.
3. Have High School principal send directly to the Registrar at Saint Joseph's College the transcript of High School record.
4. Take College Entrance Examination Board Tests as described below. (Or Scholarship Tests of Indiana Colleges and Universities for Indiana high school seniors).
5. Submit Parents' Confidential Statement to the College Scholarship Service, as described below.

COLLEGE ENTRANCE EXAMINATION BOARD TESTS

All candidates for Academic Scholarships will take the Scholastic Aptitude Test (morning test) of the College Entrance Examination Board, not later than March of the year in which they wish to gain the scholarship. Registration blanks for the test, complete information on the time, place, and nature of the tests can be obtained from either of the two CEEB service centers, namely: College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or College Entrance Examination Board, P.O. Box 27896, Los Angeles 27, California. (Results of the test will be sent by the Board to as many colleges as the student desires.)

COLLEGE SCHOLARSHIP SERVICE

All academic scholarships to Saint Joseph's College are based on academic ability and financial need. To help in determining the financial need of the student the College uses the College Scholarship Service. The principal instrument of the College Scholarship Service is a confidential form on which the parents of the applicant itemize pertinent family information and financial data. This statement is to be filled out only once by the parents and returned by them to the Service, which then transmits exact copies to those colleges which the parents list on the statement to receive them. The form for this confidential statement is mailed directly from Saint Joseph's College to the student as soon as his application for scholarship has been received by the College.

ANNOUNCEMENT OF WINNERS

All necessary material must be on file at Saint Joseph's College not later than May 1. The Scholarship Committee will meet on or about May 1 to determine the winners and the amount of each scholarship. On or about May 15 each candidate will be informed concerning the final action taken on his application.

RENEWAL OF SCHOLARSHIPS

The first scholarship is granted for the freshman year. It is thereafter renewable every semester which the student spends at Saint Joseph's College until he graduates, provided that in the previous semester he has maintained at least a B average. When a student withdraws from the College the scholarship is automatically terminated and cannot be renewed except by special action of the Scholarship Committee.

GENERAL SCHOLARSHIPS

A limited number of scholarship grants of varying amounts are also available to sophomores, juniors, and seniors who give evidence of outstanding scholarly attitudes and attainments, and who establish the fact that they need financial assistance to continue in college.

All scholarship awards are made for one semester, but will be renewed for succeeding semesters provided the recipient continues as a student in good standing at Saint Joseph's and has maintained the required scholastic index which will ordinarily be interpreted to mean a general average of B grade.

These scholarships are made possible through the generosity of alumni, trustees, and other friends of the College, and through the following endowed funds.

FOUNDED SCHOLARSHIPS

The Saint Elizabeth Foundation. A fund established by Mrs. Elizabeth Mullen. The income from \$5,000 is available for a pre-theology student, preferably from St. Patrick's Parish, Kokomo, Indiana.

The Monsignor O'Keefe Scholarship. The sum of \$300 is available each year for a student or students designated by the pastor of St. Mary's Church, Akron, Ohio.

The Monsignor Moore Scholarship. A fund providing for tuition, board, and lodging for a pre-theology student from the Peoria Diocese.

The Michael and Mary Brisch Scholarship. The income from \$5,000 is available to assist in the education of a pre-theology student.

The Father Brunner Scholarship. The income from the Lawler Farm is available for a student or students selected by the Scholarship Committee.

The Father Seifert Scholarship. The income from the Collegeville gravel deposits is available for a student or students selected by the Scholarship Committee.

The Schumacher Family Scholarship. The income from \$10,000 is available for a student or students selected by the Scholarship Committee.

The Henry W. Schmidt Scholarship. A trust fund of \$7,145 to assist students selected by the Scholarship Committee.

GRANTS-IN-AID

Grants-in-aid are forms of financial assistance available to needy and deserving students to assist them in furthering their education. Those interested should apply to The Coordinator of Student Affairs.

EMPLOYMENT

Among those who attend the College, some may find it necessary and expedient to contribute to their own support through employment. The student should bear in mind that gainful occupation is an activity subservient to his academic life. He should not center his attention upon anything that will detract from his scholastic progress. It is particularly difficult for the first-year student to work for self-support and carry a normal class load at the same time. He needs his time to make the necessary adjustments and to do his regular college work satisfactorily. It is doubtful whether any student should enter college without sufficient funds to defray all expenses for at least the first semester.

For those who can maintain the required scholastic average besides performing some gainful tasks, a limited number of self-aid projects are available. There are a few calls for clerical and laboratory assistants, but most openings for employment are for janitorial and dining-hall jobs. Assignments are made on the basis of financial need, academic record, and probable success in performing the duties assigned. Applications for campus employment should be filed in the office of the Dean of Men.

Resident students may not accept employment off the campus or engage in any business enterprise during the time that the College is in session without the written permission of the Dean of Men.

ORGANIZATIONS AND ACTIVITIES

STUDENT GOVERNMENT

All members of the student body of Saint Joseph's College, exclusive of the seminarians of the Society of the Precious Blood, are members of the Student Union and are governed by its constitution. Its student-elected officers, the four class presidents, and the chairman of the intra-club committee comprise the Student Council. The Student Council, or its committees, representing the Student Union, serves as a channel of communication and consultation between the student body and the faculty and administrative officers of the College.

EXTRACURRICULAR PROFESSIONAL GROUPS

While the academic life has first claim on the student's time, membership in campus professional-interest groups is heartily encouraged at Saint Joseph's. Such associations enable the student to meet his fellow students and his instructors informally and to learn about his chosen field through group projects, movies, field trips, club meetings, and through contact with prominent men who appear as guest speakers.

Participation in these activities stimulates common professional inclinations, promotes cooperative efforts, and complements the classroom teaching by experiences in group planning.

Included among these professional-interest groups at Saint Joseph's are: the **Commerce Club** for business students; the **History Club** for those who take courses in that area; and the **Albertus Magnus Society**, **Geology**, and **Biology** clubs for those who are studying in the natural sciences.

In the fine arts, Saint Joseph's has long realized the value of dramatic and musical activities in college life; through them the student becomes an active participant in the artistic accomplishment of others.

Students can find an outlet for their dramatic talent in the **Columbian Players**, the College's oldest extracurricular society. Each year the group presents productions, builds its own stage settings, and handles all lighting equipment, under the supervision of an experienced faculty director.

The Saint Joseph's **Glee Club**, composed of students of all classes, appears not only in campus concerts but also in an increasing number of off-campus programs and radio broadcasts. Yearly, the group presents a musicale in conjunction with the chorus from a college for women. The Glee Club also sponsors the annual **Louis F. White Memorial Award**.

The **College Choir** sings at Mass on Sunday and at various other liturgical functions.

The **Band** also offers splendid opportunities to the musician. In season, the band appears for outdoor concerts, and plays for athletic contests. The Christmas concert is one of the outstanding musical highlights of the year.

Three campus publications afford students experience in different types of writing. **Stuff** is the campus bi-weekly newspaper. **Measure**, the literary journal, contains longer articles, such as research papers, short stories, plays, essays, poetry, and book reviews. **Phase**, the pictorial yearbook, makes its appearance toward the end of the second semester.

SOCIAL CLUBS

Social and recreational activities, too, are recognized at Saint Joseph's as necessary for the proper development of the student. Membership in campus clubs and participation in the year's social events are strongly encouraged. Each year various student organizations sponsor dances, highlighted by the fall homecoming celebration and the spring formal prom, in addition to a number of Saturday night "mixers" to which young ladies from colleges for women are invited. Saint Joseph's students also attend functions on the girls' campuses.

Social organizations on the campus include the **Monogram Club** for varsity lettermen, **The Father Falter Veterans Post**, the **Chicago and Lake County Clubs**, the **Farley Stamp Club** and the **Camera Club**.

RELIGIOUS GROUPS

Several of the extracurricular campus societies have objectives which are primarily religious.

The **Don Bosco Club** is for altar boys and for those students who would like to learn to serve at Mass. Daily, about fifty priests offer Mass in the three campus chapels.

The **Sanguinist Club** is the official campus organization for Catholic Action. Under the club are the **Holy Name Society** and the **Pious Union of the Precious Blood**. The Sanguinists assist in the organizing of religious activities at the College.

Affiliated with the Catholic Students' Mission Crusade, the **Dwenger Mission Society** has as its object the study of home and foreign missions and the promotion of their welfare by prayer, sacrifice, and small fund-raising projects.

SUPERVISION OF STUDENT LIFE

The College assumes that men of college age have an adequate conception of the duties and responsibilities expected of them, and that every student who enters Saint Joseph's thereby indicates his readiness to comply with its rules and regulations. At the same time it recognizes an obligation to both students and parents to provide advisory and supervisory agencies.

In matters pertaining to social life, discipline, curriculum, and scholarship, all students come under the counsel and supervision of the Coordinator of Student Affairs, the Dean of Men, and the Dean of the College, according to the respective jurisdiction of each office. Matters of health are in charge of the College Physician. Administrative officers, assisted by student-faculty committees, make it their purpose to become familiar with student problems and to secure the observance of adopted policies and faculty regulations.

As a further part of the system of supervision, each residence hall has a Rector and one or more faculty members in residence whose duty it is to preserve order and promote proper conditions for study.

Discipline. Upon entering, each student is furnished with a Student Handbook in which the specific rules of discipline and other regulations are contained. The Dean of Men is the official representative of the College in matters pertaining to the observance of right order and good citizenship both on and off the campus.

Attendance at Saint Joseph's is a privilege and not a right, and it is understood that this privilege may be withdrawn from anyone who does not conform to the traditions and regulations of the College. Every effort is made to encourage the student toward self-government in accordance with the ideals of obedience, honesty, courtesy, and charity. When, however, a student manifests an inability or unwillingness to cooperate with the College in maintaining its regulations and policies he subjects himself to disciplinary action. Matters of discipline are handled by the Dean of Men and the Committee on Discipline. The jurisdiction of the Committee includes cases of dishonesty, intoxication, immoral or improper conduct, serious violation of campus regulations, or behavior prejudicial to the welfare of the student or the best interests of the College. The penalties imposed by the Committee on Discipline may be probation, suspension, dismissal, or other action they may deem advisable.

Leave of Absence. Permission to leave the campus overnight, or for a longer period of time, must be requested from the Dean of Men. Freshmen may secure week-end permissions once every four weeks. Regarding town nights, freshmen are generally permitted Saturday and Sunday nights until 11:30. They may visit Rensselaer during the day without special permission, but must be on campus by 9:00 p.m., except on town nights.

Sickness. Any student requiring the services of the infirmarian should present himself at the Health Center in Dwenger Hall during the appointed hours. Emergency cases will, of course, be taken care of at any time. No student will be excused from class on the plea that he was sick unless he has seen the infirmarian before he misses the class. When a student is advised by the infirmarian to remain as a patient, the Dean of Men must be informed.

Study Hour. Freshmen and sophomores are to observe a study period in their rooms from 9:00 to 11:00 p.m., and are to retire not later than 11:30.

Student Rooms. Students will be held accountable for the appearance and condition of their rooms. Occupants will, furthermore, be held responsible for any damage to the room. All necessary repairs due to carelessness will be made at their expense.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Rooms, most of which are equipped for two men, are furnished with beds and mattresses, chairs, lamps, desks, and clothes lockers.

The use of electrical appliances other than radios, record players, and electric razors is prohibited.

Wardrobe. Students are to dress with reasonable neatness. They should come to college sufficiently supplied with the necessary articles of use and wear. Generally, the wardrobe which a student has at home will be suitable for his purpose at college.

A private agency operates a commercial laundry on the campus and will handle campus laundry at a special rate. Students may avail themselves of this opportunity or have their laundry done at home.

Day-Students. Non-boarding students are admitted to Saint Joseph's provided that during their period of attendance they live either at home or with relatives responsible for them. The College has been able to assist a limited number of married students in locating suitable housing in the city of Rensselaer.

Employment. Students who desire employment on or off the campus as a means of partial self-support should register at the office of the Dean of Men. While the College is in session, resident students may not accept employment off the campus or engage in any business enterprise without the written permission of the Dean of Men. Such permission is also required for canvassing or soliciting money, subscriptions, or donations, on the campus or in the city of Rensselaer.

Automobiles. Juniors and Seniors are permitted to have cars on the campus, but may use them only under the conditions laid down by the Dean of Men. Sophomores may bring cars to the campus only with special permission and for a serious reason. Freshmen are not permitted the use of cars.

Visitors. Parents and relatives of the students are welcome at the College at any time of the year. They are, however, asked to arrange their visits so as not to interfere with the student's class attendance.

STUDENT EXPENSES

Cost Each Semester

Tuition for one semester \$215.00

This entitles the student to:

1. Academic instruction and advisory direction.
2. Ordinary medical care in the Health Service.
3. Subscription to campus newspaper, literary journal, and year book.
4. Admission to plays, lectures, concerts, and home athletic events.
5. Use of athletic facilities.

Board for one semester \$265.00

This entitles the student to three meals a day, seven days a week, except during scheduled vacation periods.

Room for one semester General Dormitory: \$20.00

Administration Building Ground Floor Three Man Room: 50.00

Two Man Room: 60.00

Residence Halls Three Man Room: 60.00

Two Man Room: 80.00

Student Union fee for one semester 5.00

Brothers attending simultaneously as boarders may deduct \$25.00 each semester.

SPECIAL FEES

Application fee (paid once — at time of application) \$ 3.00

Matriculation fee (paid once — at time of enrollment) 5.00

Graduation fee (paid once — Senior year) 20.00

CONDITIONAL FEES

Late registration	5.00
Tuition per credit hour above 17	10.00
Tuition per credit hour for part-time students	18.00
Laboratory Fee for science courses	5.00 to 15.00
Reading Clinic (per semester)	5.00
Music instruction, each half hour	1.00
Student teaching (Advanced Education students)	15.00
Special and conditional examinations, each	2.00
Infirmary, each day	1.00
Transcript of credits (after initial copy) students - 0.50; alumni - 1.00	

FINANCIAL REGULATIONS

Upon acceptance by the admissions officer, the student is to make an advance payment of \$25.00. This amount applies to the payment in September.

The fee of \$475.00 to \$535.00 for tuition, board, room, student union fee is due at the beginning of each semester.

For those, however, who wish to budget their payments, the following schedule is suggested:

FIRST SEMESTER:	SECOND SEMESTER:
* \$225.00 at September registration.	\$225.00 at January registration.
\$160.00 on November 10.	\$160.00 on March 10.
Balance on December 10.	Balance on April 10.

* The student may deduct, at this time, the \$25.00 paid at time of acceptance.

Remittance should be made payable to Saint Joseph's College by bank draft, personal check, or postal money order through the Collegeville post-office, and mailed to:

Office of the Treasurer
Saint Joseph's College
Collegeville, Indiana.

No student will be permitted to register for either semester until the initial installment, at least, has been paid.

Students whose accounts are not paid within the semester will not be admitted to the semester examinations.

Degrees, transcripts, and letters of honorable separation are withheld from those who have not settled their financial obligations to the College.

Students will be personally responsible for all expenses incurred in Rensselaer, including physician, dentist, and oculist fees.

Books, stationery, and other articles may be purchased at the College Book Store.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Charges will be made for damages to property; for medicine, applications, special nursing, and physician's services when required at the local Health Center.

Because of uncertain conditions in the financial world, all terms entered into between the College and the students and parents of students concerning expenses are in force for the ensuing semester only; they are subject to revision or renewal at the beginning of each following semester.

REFUND POLICY

Students who withdraw before the end of the semester will be charged for room and board at the rate of \$3.00 for each day, no refund allowance being made for incidental absences. They will be charged for tuition and fees on the following percentage basis:

One week or less	20 %
Between one and two weeks	20 %
Between two and three weeks	40 %
Between three and four weeks	60 %
Between four and five weeks	80 %
Over five weeks	100 %

ACADEMIC POLICIES AND PROCEDURES

The provisions of this Catalogue represent adopted policies and current practices, but are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change provisions or requirements and to fix the time when such changes shall become effective.

ADMISSION

All correspondence relating to admission should be addressed to the Office of the Registrar, Saint Joseph's College, Collegeville, Indiana. Application for admission should be filed as early as possible, and all credentials should be in the hands of the Registrar at least three weeks before the opening of the school term. Application forms will be sent upon request. An application fee of \$3.00, not refundable and not applicable to other charges, must accompany the application. All credentials submitted as part of the admission procedure become the property of the College.

GENERAL REQUIREMENTS FOR ADMISSION

All applicants for admission shall comply with the following requirements:

1. Application form filled out completely by the applicant.
2. Official transcript of credits from all high schools and colleges previously attended, mailed directly from the schools to the Registrar.
3. Evidence of good health provided on an official medical certificate form supplied by the Registrar after an application has been approved.
4. Notification of acceptance from the Registrar. Final action in each case is based upon satisfactory evidence of moral fitness and scholastic ability of the applicant to succeed and profit as a student at Saint Joseph's College. The Committee on Admissions reserves the right to require any candidate to submit additional evidence in this regard before making its decision.

ADMISSION TO FRESHMAN STANDING

Candidates for freshman standing will be selected from among applicants who, in addition to being persons of wholesome character, sound morals, and good citizenship, present the following academic qualifications:

1. Certificate of graduation from an approved high school. Graduates from other high schools may be accepted conditionally; full standing will be dependent upon subsequent work.

2. Minimum of fifteen units, ten of which must be from the following academic fields: English, Foreign Language, Social Studies, Mathematics, and Natural Science. (It is not necessary that all of these fields be represented in the ten units). The term "unit", expressing a measure of academic credit, represents a subject carried through not fewer than thirty-two weeks with five recitations a week, or the equivalent.

3. Two of the following three criteria of academic achievement and aptitude:

- a) Average of C or 80 or equivalent in total high school work.
- b) Rank in upper half of high school graduation class.
- c) I. Q. of 108 or equivalent. (Example of equivalent: 60th percentile on total of A.C.E. Psychological Test for high school seniors, or an average standard rating of 350 on the two parts of the Scholastic Aptitude Test of the College Entrance Examination Board Tests.)

Exceptions:

- 1. Applicants who fail to meet all of the above qualifications, and yet for other reasons give promise of success in college, may be permitted to take an entrance examination or be admitted upon the exceptional recommendation of the high school principal or counsellor.
- 2. Where in individual cases the applicant meets the regular requirements for admission and yet shows signs of inadequate preparation for college, the Committee on Admissions may require further evidence through an entrance examination or other means.

ADMISSION TO ADVANCED STANDING

Students transferring from other institutions whose curricula are substantially the same as those of Saint Joseph's may be admitted with advanced standing. Transfer students must:

- 1. Meet the general entrance requirements.

2. Be eligible to continue in the institution from which they wish to transfer.

3. Be entitled to honorable separation from the institution last attended.

Transfer credit is acceptable only when the grade on such work is the equivalent of at least a C grade at Saint Joseph's College. No credit will be allowed for work which is not declared prior to admission.

ADMISSION OF SPECIAL STUDENTS

Mature students who wish to pursue particular studies without being candidates for the degree may be admitted as special students if it seems that they can profit from such work. In no case, however, will an applicant under twenty-one years of age be considered eligible to enter as a special student unless he has graduated from high school.

Work done by special students will not be counted towards a degree until all entrance requirements have been fulfilled.

ENROLLMENT

All students are expected to report on the campus on the days officially designated in the College calendar. No new student will be admitted unless he has received official notice of acceptance from the Office of the Registrar.

REGISTRATION

No student will receive credit for any subject taken in a class for which he has not been duly registered.

After a student's class schedule has been approved, changes in courses or class sections must in each instance be approved and properly recorded in the Registrar's Office.

Late Registration. Students failing to register or to pay fees and tuition on the registration days designated in the catalogue must pay a late registration fee.

CLASS SCHEDULE

A "Schedule of Classes" is published at the beginning of each semester, showing the courses that are offered, the time of meetings, the room numbers, and the instructors. The College reserves the right to withdraw an announced course for which fewer than five

students register. It also reserves the right to assign students to class sections and to limit the number of students who may elect a course in case the class becomes unduly crowded or is of such a nature that limited enrollment will be advantageous.

Faculty counselors will assist students in planning their programs of study. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his major by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives. A student's semester schedule of classes will not be considered final until it has been approved and filed in the Office of the Registrar. Opportunity for necessary adjustments in class schedules is provided during the first week of classes in each semester.

CLASS LOAD

The normal amount of work for which a student registers in one semester is sixteen or seventeen hours. To be classified as a full-time student he must register for a minimum of twelve semester hours, or for class work totaling at least fifteen periods per week. The maximum number of hours for which he may receive credit in any semester is nineteen. Permission to register for a course in excess of the normal load must be obtained from the Dean of the College; the basis for such permission shall be the student's ability as evidenced by previous college work. An extra tuition charge of \$10.00 for each credit hour in excess of seventeen will be applied to the student's account, except in those cases where the departmental program recommended in the catalogue requires more than seventeen hours in a particular semester.

CLASS ATTENDANCE

Students are required to attend regularly all lectures, laboratory exercises, tests, and examinations, with the reservations stated below.

Unexcused absences (hereafter called "cuts") are allowed in any semester course to the number of credits in that course; thus, two cuts are permitted in a two-credit course, three cuts in a three-credit course, etc.

Cuts are to be used for the following reasons: temporary physical indisposition (colds, headaches, upset stomach, etc.); trip home for dental work or medical consultation; special family events,

such as reunions or anniversaries; attendance at the wedding or funeral of a friend or a relative not of the immediate family; student trip with the College Varsity.

Cutting beyond the number of times allowed puts the student into what is called "provisional status" and places upon him the burden of clearing himself promptly in the following manner: having first presented to the instructor an official Dean-of-the-College voucher of payment of the required fee (\$2.00), he makes a passing grade in a special examination or does extra work to the satisfaction of the instructor. Failing to clear himself within seven days after his return to class, he loses credit for the course.

As soon as a student's cuts reach twice the number allowed, he automatically loses the semester credit in the course. He no longer has the opportunity afforded by "provisional status" as outlined in the preceding paragraph. Thus, in a three-credit course, a total of six cuts results in automatic loss of credit.

Not counted as cuts are unavoidable absences for certain reasons properly verified by the Dean of Men and so attested by his official voucher. This voucher is in each case to be presented to the instructor within seven days after the student's return to class. The following are the only reasons for which official vouchers are given:

- a) Such sickness of the student as incapacitates him for class attendance (so attested by the infirmarian or a physician).
- b) Death or serious illness in the student's immediate family.
- c) Attendance at the wedding of a brother or sister.
- d) Properly authorized engagement in the interests of the College.
- e) Properly authorized participation as a team member in intercollegiate competition.
- f) Official government summons.

Absences are counted from the first day of class in any course. Therefore, classes missed because of late registration are counted as cuts, except in these cases:

- a) A new student who has enrolled late in the College.
- b) A student who, with permission of the Dean of the College, transfers from one course to another course. Shifting to another section of the same course does not eliminate cuts taken in the first section.

A cut from the last class of any course before or from the first class after a holiday or recess is counted as a double cut except in the case of one-credit courses.

Tardiness and dismissal from class for disciplinary reasons may, at the instructor's discretion, be rated as cuts.

Cutting an announced test or examination incurs a grade of F. This may be removed by the passing of a special test after certification by the Dean of the College that the required fee has been paid. Excused absences may be handled in the same manner, except that the fee may be remitted by the Dean of the College.

THE DEAN'S LIST

Students who at the end of any grading period have earned a scholastic index of 3.50, or higher, are placed on the Dean's List. They are excused from the requirements of the cut system for the following grading period unless, in a particular instance, the instructor rules otherwise. Students on the Dean's List are, however, expected to be present for all announced tests and will be held responsible for the subject matter of the courses they are taking. If at any time during the grading period it becomes evident that excessive absence from class is endangering the student's progress, the Dean shall have the right to revoke the privilege.

WITHDRAWAL FROM COURSES

After the limit for changes in class schedule, a student may not withdraw from a course for which he is registered except by authorization of the Dean of the College. By failing to procure an official withdrawal, he automatically incurs an "F" for the course. No official withdrawals will be given later than two weeks after the mid-semester grading period.

WITHDRAWAL FROM THE COLLEGE

Any student (except he be a graduating senior) who, as the end of a semester approaches, is aware that he will not register for the following semester is asked in courtesy so to inform the Registrar and the Dean of Men. About to withdraw from the College during a semester, he must report this fact to the Dean of Men and the Registrar; failing to do so he will forfeit title to honorable separation. Students who discontinue either during or at the end of a semester without having settled their financial obligations to the College will be refused honorable separation and official transcript of credit until all accounts are paid.

GOOD STANDING

A student is granted honorable separation provided he is in good standing. This signifies that the student is eligible to continue, to return, or to transfer elsewhere. It implies good academic standing as well as good citizenship.

GRADES AND CREDITS

Credits. The unit of academic credit is the semester hour. It represents the work of a semester course which meets once weekly for a fifty-minute period requiring approximately two periods of preparation. Thus, a class which meets twice weekly carries two hours of credit; three times weekly, three credits. One laboratory period (two to four hours) is the equivalent of one class meeting. The passing grade required before a student can receive credit is D.

Credit by Examination. A student may receive credit for any course in which he gives evidence of superior achievement by passing an examination in the subject matter of the course with a grade of A or B. The credit and grade thus earned will be entered on the student's academic record and will count towards fulfillment of the regular requirements for graduation.

Grading System. Grades are given in letter symbols; no definite numerical value is indicated. The symbol A indicates excellent achievement; B, above average; C, average; D, acceptable but poor; F, failing; WP, withdrew passing; WF, withdrew failing; I, incomplete.

Grade Reports. Grade reports for all students are made to the Registrar twice each semester. The mid-semester reports are tentative indications of the student's progress; those following the semester examinations form his permanent record. Reports are issued to parents and students after each grading period.

Quality Points. A grade of A represents greater accomplishment in a four-credit course than does the same grade in a two or three-credit course. In order that a student's degree of success on the basis of both factors (amount of work represented by his courses, and the grades received) may be judged, use is made of the quality point. Quality points are assigned to grades according to the scale given below. The quality points assigned to a grade multiplied by the credits allowed in a subject will give the total points accruing to the student for his achievement in that subject.

Grades	Meanings	Quality Points
A	Excellent	4
B	Above Average	3
C	Average	2
D	Acceptable but Poor	1
F	Failing	0

Scholastic Index. The index expresses in one convenient symbol the ratio of a student's total quality points to his total credits. This ratio is found by dividing the sum of the student's quality points by the sum of hours attempted. Thus, if his points equal his credits, his index will be 2.00, indicating that he is maintaining himself at the general level of C.

Incomplete Grade. A course in which the grade of I is received will not be considered in computing the index until the incomplete grade is removed. If the I is not removed within five weeks after the semester (except in Honors Seminars), a grade of F will be assigned.

Probation and Dismissal. Instructors report to the Registrar, sometime in October, the names of those students whose progress is not satisfactory. This report and the mid-semester grades serve as an indication of the student's adaptability to his chosen program of studies. Both the parents and the student are informed when his work is below the required level at the mid-semester grading period.

At the semester grading period, freshmen with index below 1.50, and sophomores, juniors and seniors with index below 2.00, are placed on probation. If this status is not removed at the next semester grading period, the student will be dropped for poor scholarship unless **on appeal for special reasons** he is granted an extension by the Committee on Curriculum and Educational Policy. If he submits an appeal he must do so in writing and within two days after he receives notification of his status.

Students who, at the semester grading period, fail in as much as one-half of their work will be dropped for poor scholarship.

Students dropped for poor scholarship may, after the lapse of a semester, apply for readmission. If their application is approved, they will be readmitted on probation and must maintain the scholastic index required by their classification. If dropped for poor scholarship a second time, they are not eligible for readmission.

CLASSIFICATION

Students are enrolled as **regular** when they meet all entrance requirements and have been approved for a course of studies leading to the bachelor's degree, as **special** if the course work is not to be counted toward the fulfillment of degree requirements. Students may be registered as either full-time or part-time students. A full-time student is one who is carrying a minimum of twelve semester hours of college credit, or who is registered for class work totaling at least fifteen periods per week.

A student is classified as a **freshman** if he meets the entrance requirements; as a **sophomore** when his record shows 28 semester hours of college credit; as a **junior** when he has earned 58 semester hours; and as a **senior** when he has completed 92 semester hours of credit.

ATHLETIC ELIGIBILITY

A student is eligible to participate in intercollegiate athletic contests under the following conditions:

1. Be of approved physical condition as certified by the College physician.
2. Meet the requirements for classification as a regular full-time student at Saint Joseph's College.
3. Have successfully completed a minimum of twelve semester hours of college credit in his last previous semester unless he is a beginning freshman.
4. Be in good academic standing as determined by the scholastic index requirement according to his classification.
5. Be eligible to play in a designated game according to the rules, policies, and approved practices of the Indiana Intercollegiate Conference with respect to amateur standing, length of previous participation, institutional transfer and similar matters.

It is the responsibility of the players as well as of the coaching staff to know and comply with the letter and the spirit of the athletic policies adopted and approved by the faculty.

AWARDS AND PRIZES

The recognition of merit in the individual is natural and proper as an incentive to personal and social progress. The awards and

prizes listed below represent the College's attestation of the recipients' excellence in written and oral expression as demonstrated in the annual competitive exercises in a variety of fields. In all cases the College reserves the right to withhold an award if, in the opinion of the judges, none of the entries in a contest attains a standard of excellence sufficient to merit the distinction implied by the conferring of the award.

The Alumni Essay Award. The sum of twenty-five dollars is awarded annually to the student submitting the best English essay to a committee of three appointed by the Saint Joseph's Alumni Association, the donor of this award. The second prize is fifteen dollars.

This contest is open to all students. Contestants must submit three typewritten copies of their work, under an assumed name or some special mark of identification, to the professor in charge of the contest not later than May 1 of the current year.

The Mary J. Pursley Memorial Award for Creative Writing. This gift was made by the Most Rev. Leo A. Pursley, D.D., '21, Auxiliary Bishop of Fort Wayne. This is an annual award of fifty dollars for the best work in creative writing submitted to three judges. The purpose of the contest is to encourage the writing of good Catholic literature in the form of fiction, drama, or poetry.

The Hanley Science Award. A prize of one hundred dollars is awarded to the student who, in the estimation of the instructors in the Division of Natural Sciences, composes the best essay in the field of science or mathematics. The prize for second place is fifty dollars. The contest is limited to members of the junior and senior classes taking a major or minor sequence in the Division of Natural Sciences. Essays must be submitted no later than May 1 of the current year. The first prize is donated by Mr. William A. Hanley, '08, Indianapolis, Indiana. The second prize is donated by Dr. Frank A. Benchik, '42, of East Chicago, Indiana.

The Monsignor T. M. Conroy Memorial Oratory Medal. The Reverend James J. Conroy, '32, continuing the foundation established by his uncle, the Rt. Rev. Msgr. Thomas Conroy, '96, is the donor of the oratory medal awarded annually. The contest is open to students who have given evidence of superior effort and ability in the freshman or sophomore speech courses. First prize, gold medal and fifteen dollars; second prize, ten dollars; third prize, five dollars.

CURRICULUM ORGANIZATION

All courses are grouped under the five Divisions: Religion and Philosophy, the Humanities, the Natural Sciences, the Social Sciences, and Education. Furthermore, Freshman courses (1-19) and Sophomore (20-29) are designated lower-level, while Junior (30-39) and Senior (40-51) are distinguished as upper-level courses on the basis of content and instructional procedures. Ordinarily, odd-numbered courses are offered during the first semester and even-numbered courses during the second semester.

GENERAL EDUCATION REQUIREMENTS

The faculty of Saint Joseph's College has given considerable thought and effort to the building of a curriculum which will provide a sound program of general education for all students. It is generally agreed that colleges exist for the purpose of transmitting the cultural inheritance; that every educated person should have an acquaintance with the facts and the methods of inquiry in the chief fields of knowledge; and that learning must have breadth as well as depth. While, therefore, the courses in general education are wide in scope, they must not be regarded as shallow or superficial, for they have been designed to be both the foundation and the complement of the more specialized courses in designated fields of concentration.

The number of semester hours a student must earn on the lower level is a minimum of sixty. Of these, the following specified courses constitute, with the exceptions noted below, that part of the program of general education required of all. They are to be completed, ordinarily, by the end of the sophomore year.

	Semester Hours	
*English 3-4, or 7-8	6	Rhetoric and Composition or Freshman Literature
Humanities 20, 21-22, 23-24, 25 or 27	6	Literary Art Forms; English Literature; World Literature; Music Art Forms; Art: History and Appreciation
Natural Science 2 and 3-4	9	Principles of Biological Science; Principles of Physical Science
Philosophy 12 and 21	6	Logic; General Psychology
Physical Education 1-2	-	Physical Education
Religion 1, 25 and 26	9	Christian Morality; Catholic Dogma; Sacraments
Social Science 1-2	6	Development of Western Institutions
*Social Science Elective	3	Economics; Geography; History; Politics; Sociology
Speech 1-2	2	Fundamentals of Speech

47

* English 3-4 credit is a graduation requirement. However, entering students who fall below a certain minimum percentile in the placement test in the mechanics of expression will be assigned to English 1 as a preparatory course for English 3-4. (See p. 59.)
* May be either upper or lower level.

Exceptions:

1. Certain adjustments and substitute courses are provided for the student who at registration definitely plans to follow a program in the natural sciences, or teacher training. See details under these heads.
2. The extent to which the lower-level credits presented by the transfer students are acceptable in fulfillment of the requirements in general education is determined by the Dean of the College.
3. Students who are not of the Catholic faith will take Religion 11, Principles of Morality, as a requirement for graduation. They are at liberty to substitute other courses for the 9 additional hours in religion regularly included in the college program.

Foreign Language. While offered as a recognized element in liberal education, foreign language study is not required of all. However, German specifically is required of Chemistry majors; a foreign language (preferably German), of pre-medical students; a foreign language is required of English majors; and German or French is strongly recommended for the student planning to enter graduate school.

Examination. The Sophomore General Culture Test, an objective-type examination covering the areas of general education, is administered at the end of the sophomore year. Students are required to have taken this test as a graduation requirement.

ADVANCED AND SPECIAL EDUCATION

Every approved sequence of courses leading to a bachelor's degree is based on the assumption that as the student advances, he must accept an increasing share of the responsibility for his own education. Within the framework of a few basic principles of organization and minimum essential requirements, he is encouraged to select advanced courses which best fit his needs, interests, and vocational aspirations. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his field of concentration by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives.

The number of semester hours on the upper level required for graduation is a minimum of fifty. The program of advanced or special education will include the following:

Major Sequence. Ordinarily this will embrace a minimum of twenty-four semester hours of upper-level credit in a department, or, for a group major, thirty-six credit hours in a division of instruction.

Minor Sequence. Ordinarily this will be a minimum of twelve semester hours of upper-level credit in a department chosen for its relation to the major sequence though not necessarily in the same Division.

Religion and Philosophy. Three upper-level hours in religion and six upper-level hours in philosophy are required. Philosophy 31, Metaphysics, is required of all students.

Electives. Additional courses to complete the fifty upper-level hours and a total minimum of 124 semester hours and 248 quality points required for graduation.

GRADUATION — DEGREES — HONORS

Residence. Completion of the college course requires normally that the student be in residence for eight semesters or the equivalent. Three six-week summer sessions are considered the equivalent of one semester. Academic credit earned in residence at another college or university will be accepted for transfer provided the quality of such work is the equivalent of at least a C grade at Saint Joseph's College. Work completed at off-campus extension centers is accepted up to sixty semester hours. Not more than twelve within this maximum of sixty hours may be taken by correspondence. The last thirty semester hours and sixty quality points must ordinarily be completed on the campus of Saint Joseph's College. For exceptions, see "Degree in Absentia."

Semester Hours and Quality Points. A minimum of 124 semester hours and 248 quality points are required for graduation. The number of quality points earned in courses of the major sequence must equal at least twice the minimum credit hours required for the respective major. At least sixty hours must be completed on the lower level, including the prescribed work in general education; at least fifty hours, including the requirements of advanced and special education, must be completed on the upper level. Not more than forty-two hours in a single department will be counted toward the minimum total required for graduation.

Examinations.

1. **Comprehensive Examinations.** In addition to the regular

course examinations, the candidate for the degree must pass a comprehensive examination covering his major field. Preparation for this examination implies that from the very beginning the student will have organized the results of his study and reading with a view to permanent retention. The subject matter for the comprehensive examination in a departmental major covers the entire area of undergraduate preparation in that particular field of knowledge and is, therefore, not restricted to the specific subjects which the candidate has completed in the course. The student will be tested on his knowledge of basic facts and principles, his insight into relationships and his ability to apply what he has learned to the solution of typical problems. The norm for passing the examination may be stated as that degree of competence which would be obtained from a careful reading and independent study of standard texts proper to all courses, lower-level as well as upper, offered by the Department. The Divisional Chairman in consultation with the Dean of the College will determine the scope of the examination for the student who has selected a divisional or group major. Comprehensive examinations are written tests of approximately six hours in length and are administered about two weeks before the end of the semester.

2. Graduate Record Examinations. All seniors are required to take the Graduate Record Examination (Area tests and Advanced Tests) in their final year on the dates set down in the College Calendar.

Degrees. Saint Joseph's College confers the Bachelor of Arts degree in Biology, Biology-Chemistry, Chemistry, Economics, English, English-Journalism, Geology, History, Mathematics, Mathematics-Physics and Philosophy; the Bachelor of Science degree in Accounting, Business Administration, Education, and Physical Education. However, the student who majors in Biology, Chemistry, Geology, or Mathematics, may, if he prefers, receive the Bachelor of Science degree. Students completing the curriculum for the preparation of elementary teachers receive the Bachelor of Science in Education degree. (B.S. in Ed.)

Honors Seminar. As a means to promote scholarship and initiative on the part of superior students, those departments which offer a major also conduct an honors seminar. This is a course in independent study, directed reading, and research in the student's field of concentration, the results of which are to be formulated in a research paper. To be admitted the student must have in his junior year maintained a B average in his major sequence. Topics for research must be approved by the student's major professor.

Graduation With Honors, is conferred on the basis of successful completion of an honors seminar in the department of the student's major together with a cumulative index (through the four years of college) of 3.00 for the honor **Cum Laude**, of 3.50 for **Magna Cum Laude**, and of 3.75 for **Summa Cum Laude**.

· **Degree in Absentia.** Students who have attained senior standing after the completion of three years of residence and who have then transferred to a school of law, engineering, or medicine may secure the degree in absentia. In addition to the requirements regarding total hours, advanced courses, major and minor sequences, and comprehensive examinations, the candidate will be required to show successful completion of the first year's work in the professional school in which he has enrolled.

DIVISIONS OF INSTRUCTION

I. DIVISION OF RELIGION AND PHILOSOPHY	53
Departments: Religion	51
Philosophy	56
II. DIVISION OF HUMANITIES	61
Departments: English	62
Classical Languages (Greek, Latin)	66
Journalism	67
Modern Languages (French German Spanish)	70
Music	72
Speech	73
III. DIVISION OF NATURAL SCIENCES	75
Departments: Biology	76
Chemistry	80
Engineering	85
Geology	97
Mathematics	100
Physics	104
IV. DIVISION OF SOCIAL SCIENCES	107
Departments: Accounting	107
Business Administration	111
Economics	115
History	118
Politics	122
Sociology	123
V. DIVISION OF EDUCATION	125
Education: Elementary Program	128
Education: Secondary Program	129
Physical Education	135

MAJORS, MINORS AND DEGREES OFFERED

Department	Major (24 hrs.)	Minor (12 hrs.)	Degree
Accounting	x	x	B.S.
Biology	x	x	B.A. or B.S.
Biology-Chemistry	x		B.A. or B.S.
Business Administration			
General Business	x	x	B.S.
Marketing	x	x	B.S.
Chemistry	x	x	B.A. or B.S.
Biology-Chemistry	x		B.A. or B.S.
Economics	x	x	B.A.
Education	x	x	
Elementary	x		B.S. in Ed.
Secondary	x		B.S.
Engineering			
Five year program*			B.A. and B.S.
English	x	x	B.A.
English-Journalism	x		B.A.
French		x	
German		x	
Geology	x	x	B.A. or B.S.
Greek			
History	x	x	B.A.
Journalism-English	x		B.A.
Latin			
Mathematics	22 hrs.	9 hrs.	B.A. or B.S.
Mathematics-Physics	x		B.A. or B.S.
Music		x	
Philosophy	x	x	B.A.
Physical Education	x	x	B.S.
Physics		x	
Politics		x	
Religion		x	
Sociology		x	
Spanish		x	
Speech		x	

* Five year Engineering programs are available in Aeronautical, Agricultural, Chemical, Civil, Electrical, Fire Protection and Safety, Food, Industrial, Mechanical and Metallurgical Engineering. After three years at Saint Joseph's, and a year at Illinois Institute of Technology, Notre Dame University, Purdue University or Rose Polytechnic Institute, the student qualifies for a B.A. degree from Saint Joseph's. After his fifth year, he qualifies for a Bachelor's degree in Engineering from one of these Universities.

DIVISION OF RELIGION AND PHILOSOPHY

The courses in religion and philosophy are designed to present a rational explanation of the universe, man, and God. They stress the philosophical principles fundamental to a deeper understanding of revealed truths and show the relation of religion and philosophy to other fields of knowledge. Their purpose is to expand the student's knowledge and enrich his appreciation of Catholic teaching, and thereby offer him incentives to shape his individual and social life in accordance with that teaching.

DEPARTMENT OF RELIGION

In addition to the regular courses in Religion, the Department offers a series of special courses in Theology during the Summer Session. Students who complete the entire series of eight courses may qualify for the A.B. degree in Theology, provided they have completed all other catalog requirements for graduation. Details of the special program are given in the Summer Session Bulletin.

A minor sequence in the Department of Religion consists of a minimum of twelve semester hours on the upper level. Nine semester hours on the lower level and three on the upper level are obligatory for all Catholic students. Included must be courses 1, 25, and 26. Pre-theological students will take courses 3-4 and 23, 24.

Suggested Program of Courses for Students Wishing to Qualify for Admission to a Major Theological Seminary after the Sophomore Year

FRESHMAN YEAR

	Semester Hours		
English 3-4, or 7-8	3	3	Rhetoric and Composition; Literature
Greek 1-2	3	3	Introductory Greek
Latin 5, 6	3	3	Cicero; Horace
Latin 7-8	1	1	Latin Prose Composition I
Natural Science 3-4	3	3	Principles of Physical Science
Religion 3-4	2	2	Life of Christ
Social Science 1-2	3	3	Development of Western Institutions
	18	18	

SOPHOMORE YEAR

Greek 21	3		The Greek New Testament
History 25-26	3	3	History of the Americas
Humanities 23, 24	3	3	World Literature
Latin 21, 22	3	3	Livy; Hymns & Ecclesiastical Writers
Latin 25-26	1	1	Latin Prose Composition II
Natural Science 2		3	Principles of Biological Science
Philosophy 12	3		Logic
Religion 23, 24	2	3	Christ in His Mystical Body
Speech 12		2	Introduction to Public Speaking
	18	18	

COURSES IN RELIGION

1. Christian Morality **3 hours**

This course is a study of fundamental moral theology and of the Christian virtues. It treats the end of man, human acts, law, conscience and virtue in general, with special emphasis on the practical application of ethical principles to modern problems, individual and social.

3-4. The Life of Christ **4 hours**

This course presents the life of Christ as based on a detailed and coordinated reading of the four Gospels. The aim and purpose is to furnish source and background for scientific theological study and a quickening and deepening of religious spirit through the study of the Christ of the Gospels.

11. Principles of Morality **3 hours**

A course in the basic principles of morality. This course meets the needs of students who are not of the Catholic faith.

23. Christ in His Mystical Body **2 hours**

The historical development of the apostolic community is studied from the Acts of the Apostles, while the mystery of the Church as the Body of Christ is examined in the writings of Saint Paul, particularly the Epistle to the Ephesians. The course concludes with a doctrinal summary from the encyclicals on the Holy Spirit and the Mystical Body.

This course is intended primarily for pre-theology students.

24. The Worship of the Mystical Body **3 hours**

The liturgy of the Church is presented as the continuation of the priesthood and redeeming sacrifice of Jesus Christ. The major portion of the course is devoted to the doctrine and historical development of the Sacrifice of the Mass and the seven sacraments. A study of the liturgical calendar is included.

This course is intended primarily for pre-theology students.

25. Catholic Dogma **3 hours**

Revealed truth as defined in the dogmas of the Church is presented in systematic manner: The One God, the Trinity, the Creation, Incarnation and Redemption, Divine Grace, Veneration of the Saints, the Last Things. Expected from the student is familiarity with source material from Sacred Scripture and the doctrinal decisions of the Church.

26. Sacraments **3 hours**

This course is intended to direct the student's mind to the

spiritual values in the seven sacraments as the sources of supernatural life. The origin and nature of the sacraments are shown in relation to their effect in the individual and social order. Special emphasis is laid on the Holy Eucharist as sacrament and sacrifice.

30. Christian Marriage 3 hours

Catholic moral teaching is applied to the daily life of the Christian in the world, with a special study of individual and social problems involved in courtship, marriage, and family.

32. Apologetics 3 hours

Apologetics leads the student to an understanding of the Church as founded by Christ. The study proceeds by means of rational proof for the preliminaries of faith, the existence of God, the immortality of the soul, and the fact of Christian revelation.

33. History of the Early and Medieval Church 3 hours

The history of the Catholic Church from the time of the Apostles to Pope Boniface VIII. (Offered in 1955-56.)

34. Modern Church History 3 hours

In this course the medieval decline is presented in the light of the rising nationalism and individualism of the modern age. Special attention is given to the causes of the Reformation and to the Catholic revival and counter-reform. (Offered in 1956-57.)

35. Liturgy for the Layman 3 hours

This course, by acquainting the layman with the liturgy of the Church, prepares him to participate in her ceremonies with understanding and profit.

41. Introduction to Sacred Scripture 3 hours

The Church's doctrine on the inspiration of the Bible and the canonicity of the sacred books serves as a general introduction to scripture study. Readings from the Old Testament and a study of some of the problems connected with the historical books are included in this course. (Offered in 1955-56.)

42. The New Testament 3 hours

This course includes introductory materials to the study of the New Testament and treats particularly the four Gospels as the inspired life of Christ. (Offered in 1956-57.)

48. History of the Church in North America 3 hours

Early foundations of the Church in North America; growth and expansion throughout the nineteenth century; present status of the Church. (Offered in 1956-57.)

**Suggested Program of Courses for the A.B. Degree
with Philosophy as Major Sequence ****

FRESHMAN YEAR

	Semester Hours		
English 3-4	3	3	Rhetoric and Composition
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Electives	3	3	Foreign Language
	<hr/>	<hr/>	
	16	16	

SOPHOMORE YEAR

Humanities 23-24, 20, 25, 27	3	3	World Literature; Literary Art Forms; Music Art Forms; Art, History and Appreciation
Natural Science 2	3		Principles of Biological Science
Philosophy 21, 31	3	3	General Psychology; Metaphysics
Religion 25-26	3	3	Dogma; Sacraments
Social Science	3		(Elective)
Speech 21-22	1	1	Advanced Speech
Electives	3	3	Foreign language
	<hr/>	<hr/>	
	16	16	

JUNIOR YEAR

Philosophy 33, 46 or 38, 32	3	3	Cosmology; Philosophy of Science; or Epistemology; Theodicy
Philosophy 41, 42 or 43, 44	3	3	History of Philosophy
Philosophy 34	3		Professional Ethics
Religion, Upper-level	3		Apologetics
Speech 31-32	2	2	Discussion and Debate
Minor Sequence	3	3	
Electives	3	3	
	<hr/>	<hr/>	
	17	17	

SENIOR YEAR

Philosophy 33, 46 or 38, 32	3	3	Cosmology; Philosophy of Science; or Epistemology; Theodicy
Philosophy 41, 42 or 43, 44	3	3	History of Philosophy
Philosophy 51	3		Honors Seminar
Minor Sequence	3	3	
Electives	4	7	
	<hr/>	<hr/>	
	16	16	

** Programs for designated majors should be viewed as suggested patterns and not as rigid schedules. By the end of his sophomore year, the student should select a field of concentration and with the guidance of his faculty counselor plan his course of studies for the junior and senior years.

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy offers both a major and a minor sequence. A major sequence consists of a minimum of twenty-four semester hours on the upper level and must include courses 31, 32, 33, 38, and six hours from 41, 42, 43, and 44. A minor sequence consists of a minimum of twelve semester hours on the upper level.

Six semester hours of philosophy on the lower level and six on the upper level are required of all students. Courses 12, 21, and 31, are obligatory.

COURSES IN PHILOSOPHY

12. Logic 3 hours

This course aims to develop the sense of correct thinking by a study of concepts and terms, judgments and propositions, immediate inference, deduction, scientific method, and the sources of fallacies.

21. General Psychology 3 hours

The rational principles underlying the study of life — vegetal, sentient, and intellectual. The relation of the philosophy of man to the science of psychology is presented with special emphasis on the Thomistic doctrine of the faculties and the soul.

31. Metaphysics 3 hours

The study of being in its most fundamental aspects. This branch of systematic philosophy deals with the Thomistic concepts of act and potency, the nature of causality, transcendentals, and predicaments, in order to furnish the student with the broad and basic ideas essential to the synthetic grasp of reality.

32. Theodicy 3 hours

The study of the proofs of the existence of God in their historic background together with the modern criticism. The doctrine of analogy receives special emphasis. (Offered in 1956-57.)

Prerequisite: Philosophy 31.

33. Cosmology 3 hours

This course integrates present-day scientific discovery with the basic Thomistic principles. The problem of finality, the laws

of nature, and space and time are studied in the light of traditional principles. (Offered in 1955-56.)

34. Professional Ethics

3 hours

This course is an application of the principles of moral philosophy to professional life. Selected questions are studied and discussed with a view to offering norms of action in matters of right and duty in the various professions.

38. Epistemology

3 hours

A study of knowledge in its metaphysical implications. A consideration of being as intelligible, and of intellect as related to reality. This course consists principally in reflections upon the nature of knowledge, critical judgments concerning the sources of knowledge, and an ultimate evaluation of knowledge. (Offered in 1956-57.)

Prerequisite: Philosophy 31.

41. History of Ancient Philosophy

3 hours

A course in early philosophy, especially of the Greek thinkers. The progress of philosophic thought is presented by means of sources studied in their background, class discussions, and written reviews. (Offered in 1955-56.)

42. History of Medieval Philosophy

3 hours

The study of philosophic thought from the patristic age to the scholastic decline. Scholasticism is examined in the light of the present-day need for a perennial philosophy. (Offered in 1955-56.)

43. History of Modern Philosophy

3 hours

A study of modern thinkers against the background of the Renaissance, the Reformation and the rise of science. Special attention is given to the impact upon the contemporary world of such men as Descartes, Spinoza, Leibniz, Bacon, Newton, Locke, Hume, Rousseau, Kant, Hegel, Mill, and Spencer. (Offered in 1956-57.)

44. Contemporary Philosophy

3 hours

A critical evaluation of Bergson and the philosophy of the spirit, Husserl and the phenomenological method, Neo-positivism, the Analytical Philosophers, Dialectical Materialism, Pragmatism, the Metaphysical Renaissance, and Existentialism. (Offered in 1956-57.)

46. Philosophy of Science**3 hours**

For the more advanced student of both philosophy and science this course seeks solid foundations for scientific coordination in the basic principles of Thomism. Extensive readings in the history of science and of philosophy are required.

Prerequisite: Philosophy 33.

51. Honors Seminar in Philosophy**3 hours**

DIVISION OF THE HUMANITIES

The primary purpose of the teaching in this Division is to develop some degree of appreciative understanding and power of expression in language, literature, and music, which are generally valued for their refining influence. This involves also some attention to the relation between principles of art and the Catholic tradition. Another objective is to enlarge the student's acquaintance and enrich his sympathy with the culture of peoples as reflected in their language, literature, and music. It is in the nature of the humanities that they contribute to the aims of general education; the upper-level courses make possible concentration in certain departments.

A major is offered in English and in English-journalism; minors, in English, journalism, modern language, music, and speech.

DIVISIONAL COURSES

The Division contributes to the program of general education these courses: Freshmen English 3-4, 7-8, and the sophomore humanities courses 20, 21-22, 23-24, 25, and 27. All students must, for graduation, show six semester hours in freshman English and six hours selected from the sophomore humanities.

20. Literary Art Forms **3 hours**

A reading course in the main types of literature with interpretative analysis of basic forms, functions, and artistic values. The aim is to supply a basis for intelligent appreciation of quality. Written practice in some of the types is required.

21-22. English Literature **6 hours**

A chronological perspective of eight centuries noting the interrelation of authors, movements, and, to some extent, of other literatures with English, but stressing a critical appreciation of various literary forms as they are met.

23-24. World Literature **6 hours**

Great classics — ancient, medieval, and modern — are read in translation with attention to the continuity of broad literary trends, to the interrelation of literatures, and to such artistic values as are preserved in translation.

25. Music Art Forms **3 hours**

The aim of this course is to lay the foundation for an intelligent appreciation of music and of its relation to human experience. The nature of music, its forms, and its development are studied,

with some attention to the great composers in various periods. Listening to records and specified radio programs and attendance at local concerts are integrated with the course.

27. Art: History and Appreciation

3 hours

A course designed to furnish the student with a background for an understanding of the arts and to broaden his judgment in regard to what constitutes beauty and good taste. A brief survey of painting, sculpture, architecture, and the minor arts of all periods.

DEPARTMENT OF ENGLISH

The aims of the Department of English are: 1. To teach the student to read with understanding and to write and speak with correctness, with exactness, and with some artistry. 2. To develop a capacity for enjoyment of literature, especially of the major English and American authors. 3. To cultivate what Newman calls "enlargement of mind," which embraces breadth and depth of view, critical judgment, and good taste. 4. To provide adequate preparation for graduate studies, for teaching in secondary schools, and for the study of journalism.

A major sequence comprises a minimum of twenty-four semester hours in upper-level work. Courses in speech and dramatics may be applied on the major but are not included in computing the maximum hours (42) permitted in a single department. On the lower-level the student planning an English major must take Humanities 23-24. Recommended also are Humanities 20 and 25. Twelve hours in a foreign language are required of the English major. If he chooses to make this language his minor, he may compute the credit from the 21-22 course as if it were upper-level credit.

A minor sequence comprises a minimum of twelve semester hours in upper-level courses. The minor may be in speech and dramatics.

The group major in English-journalism comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Six hours in a foreign language are required.

Special Department Regulations. English 3-4 credit is a graduation requirement. Entering freshmen, and transfer students without credit in freshmen composition work, must take a placement test in the mechanics of expression. Those who in the test fall below a certain minimum percentile will be assigned to English 1, preliminary to English 3. Normally they will proceed from English 1 to English 3 and later to English 4. However, if a student shall

have made exceptional progress in English 1, his work may be evaluated by the English department as satisfying the English 3 requirement, whereupon he may register for English 4.

Prior to the semester examination, students in Freshman English may be required to take an objective standardized test administered by the Department. The results will be combined with those in the course examinations to determine promotion and revision of class sections for the second semester.

Those pre-engineering students whose program enjoins English 27 may substitute it for English 4. Successful completion of English 3-4, 3-27, or 7-8 is normally a prerequisite for registration for upper-level courses in English.

A list of obligatory readings is issued by the Department for all freshmen.

COURSES IN ENGLISH

1. Remedial English 3 hours

Intensive remedial drill in grammar, syntax, punctuation, capitalization, usage, and spelling. The course is preliminary to English 3 for those who in placement tests fall below a minimum percentile rating.

3-4. Rhetoric and Composition 6 hours

In the early weeks of English 3 there is intensive review of grammar, syntax, and the mechanics of expression, with library orientation. The course then enters the study and practice of principles of effective writing. This is carried over into English 4, with frequent compositions and some attention specifically to the proper preparation of the research paper.

7-8. Freshman Literature 6 hours

A course restricted to certain pre-theological students who have pursued a college-preparatory curriculum. Advanced composition is integrated with study of the major American authors in the first semester and of Catholic authors in the second. Library orientation is included.

27. Business and Technical Writing 3 hours

Practice in the writing of business letters, and in the preparation of reports, outlines and digests of research, and other types of technological papers.

Suggested Program of Courses for the A.B. Degree
with English as Major Sequence

FRESHMAN YEAR

	Semester Hours		
English 3-4, or 7-8	3	3	Rhetoric & Composition; Literature
Natural Science 2	3		Principles of Biological Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Electives	3	6	Foreign Language or Humanities 20, 25
	<u>16</u>	<u>16</u>	

SOPHOMORE YEAR

Humanities 23-24	3	3	World Literature
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 21	3		General Psychology
Religion 25, 26	3	3	Dogma; Sacraments
Social Science	3		Economics; Geography; History; Politics; Sociology
Speech 21-22	1	1	Advanced Speech
Electives	3	3	Foreign Language; Journalism; Economics
	<u>16</u>	<u>16</u>	

JUNIOR YEAR

English 31, 32 or 41, 42	3	3	Renaissance; Shakespeare; Early English; Literary Criticism
English 33, 34 or 43, 44	3	3	Romantic Age; Victorian Age; Novel; Drama
English 37 or 45	2		Advanced Writing; Contemporary Literature
English 38 or 46	2-3		Creative Writing; Catholic Literature
Philosophy 31	3		Metaphysics
Electives	3	5	Major American Writers; Discussion and Debate
Minor Sequence	3	3	
	<u>17</u>	<u>16-17</u>	

SENIOR YEAR

English 31, 32 or 41, 42	3	3	Renaissance; Shakespeare; Early English; Literary Criticism
English 33, 34, or 43, 44	3	3	Romantic Age; Victorian Age; Novel; Drama
English 37 or 45	2		Advanced Writing; Contemporary Literature
English 36 or 46	3		Major American Writers; Catholic Literature
English 51	3		Honors Seminar
Philosophy, upper level	3		
Religion, upper level	3		Christian Marriage; Church History; Sacred Scripture
Electives	2		
Minor Sequence	3	3	
	<u>17</u>	<u>17</u>	

31. Renaissance and Neo-classicism 3 hours

A study of selected non-dramatic writings by the major English authors between 1500 and 1800. (Offered in 1955-56.)

32. Shakespeare 3 hours

A study of Shakespeare's life and works with emphasis on the great tragedies. (Offered in 1955-56.)

33. The Romantic Age 3 hours

A study of the main writers of the period and their relation to their own and later times. (Offered in 1955-56.)

34. The Victorian Age 3 hours

A study of the main Victorian and later Victorian writers and their relation to modern ideas. (Offered in 1955-56.)

36. Major American Writers 3 hours

A study of the major authors of American literature from Irving to 1918. Outside readings and reports. (Offered in 1955-56.)

37. Advanced Composition 2 hours

A brief review of the fundamentals of rhetoric is followed by advanced studies in expository, descriptive, and persuasive writing.

38. Creative Writing 2 hours

Students gain experience in the longer forms of writing: short stories, one and three-act plays, and narrative and lyric poetry.

41. Early English Language and Literature 3 hours

An introduction to the study of the laws of the English language. Reading of Old and Middle English texts, with emphasis on Chaucer's *Canterbury Tales*. (Offered in 1956-57.)

42. Literary Criticism 3 hours

A study of the nature, basic values, and techniques of literature as interpreted by various critics. Insight into principles, criteria, and methods is deepened through selected reading. (Offered in 1956-57.)

43. The Novel 3 hours

A study of the major trends among English and American novelists from Richardson to the present time, together with reading of representative works and students' reports concerning them. (Offered in 1956-57.)

44. The Drama**3 hours**

A survey of the chief trends in English and American drama from the beginnings to the present, with emphasis on the reading of representative plays exclusive of Shakespeare's. (Offered in 1956-57.)

45. Contemporary Literature**2 hours**

A survey of the chief authors and major works and trends in English and America since 1918, exclusive of the drama and the novel. (Offered in 1956-57.)

46. Catholic Literature**3 hours**

This course introduces the student to the Catholic literary revival in England and America since 1800, notes its ties with Catholic literature in other tongues, and traces its relation to social and literary backgrounds. (Offered in 1956-57.)

51. Honors Seminar in English**3 hours**

DEPARTMENT OF CLASSICAL LANGUAGES

The aim of teaching in the Greek courses is: 1. To give the student a reading knowledge of the Greek New Testament. 2. To impart some understanding of the contribution which Greek has made to the English language.

The aim of teaching in the Latin courses is: 1. To develop in the student a knowledge of the Latin language to an extent that he may be able to read, understand, and appreciate masterpieces of Latin literature. 2. To prepare him to continue his studies in a major seminary.

COURSES IN GREEK

1-2. Elements of New Testament Greek**6 hours**

The course aims to impart the fundamentals of inflection and rules of syntax as found in the Greek of the New Testament.

21. The Greek New Testament**3 hours**

The course aims to impart a reading knowledge of the Greek New Testament through the reading of some selections from the Gospel of St. Luke and The Acts of the Apostles.

COURSES IN LATIN**1-2. Introductory Latin 6 hours**

A course designed for students who have not taken Latin in high school; it covers in one year the matter usually taken in two years of high school Latin.

3-4. Intermediate Latin 6 hours

A course designed for students who present two years of Latin from high school. The Catilinian Orations and selections from Vergil's Aeneid form the subject matter of the course.

5. Cicero 3 hours

Selections from the *De Amicitia*, *De Senectute*, *Pro Archia*, and from the Letters of Cicero.

Prerequisite: Latin 3-4 or equivalent.

6. Horace 3 hours

Selected Odes, Epodes, Satires, and the *Ars Poetica*.

7-8. Latin Composition I 2 hours

Graded exercises for translating from English to Latin. This course is complementary to Latin 5 and 6.

15. Readings in Ecclesiastical Latin 3 hours

Extensive reading in the *Catechismus Catholicus* of Cardinal Gasparri is used as the means of developing fluency and comprehension.

21. Livy 3 hours

Roman History: selections from Books 21, 22, 24, and 25.

22. Latin Hymns and Ecclesiastical Writers 3 hours

A study of selected hymns from the Roman Breviary and of texts commonly used in the major seminary.

25-26. Latin Composition II 2 hours

A continuation of Latin 7-8.

DEPARTMENT OF JOURNALISM

The aims of the Department are: 1. To prepare the student for practical work in journalism or for graduate study in the field. 2. To make him aware of the opportunities and moral responsibilities of the Catholic journalist.

The group-major in English-journalism comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Six hours in a foreign language are required.

For a minor sequence in journalism, the student must show twelve semester hours credit in upper-level courses.

COURSES IN JOURNALISM

1. Introduction to Journalism **3 hours**

A basic course to acquaint the prospective journalist with his field and to show the importance of a broad background in other areas. The course considers staff organization, newsroom and composing room procedure, the wire services and syndicates, the press and the law. As current problems in journalism are studied, applications are made principally to the small-city daily. This course should be taken before the student registers for the upper-level work, especially for courses 31, 32, and 44.

31. News Writing and Reporting **3 hours**

A practical course stressing news values, news sources, accurate gathering of news materials, structure and style of news stories, and interviews.

32. Editing **3 hours**

Study and practice in copyreading, re-writing, headline writing, proofreading, page makeup, and type and printing methods. Particular emphasis is placed upon the preservation of good taste and high moral standards in the editing of copy.

34. Feature Writing **3 hours**

A practical course in the techniques of feature writing and their application to the various types of feature stories and special articles.

41. The Editorial Page **3 hours**

Study and practice in writing the editorial, with analysis of points of weakness and strength; elements which compose an editorial page; the editor's responsibility to society; the technique of propaganda.

44. Newspaper Management and Advertising **3 hours**

A study of the business side of newspaper production. Consideration of the various departments: administration, accounting, circulation, promotion, and especially advertising. (Offered in 1956-57.)

46. Ethics of Journalism **3 hours**

An application of ethics to the press in the light of current problems and professional codes; a study of the laws, such as those of libel and copyright, which affect the relationship between the press and society. (Offered in 1955-56.)

Suggested Program for Group Major in English-Journalism

FRESHMAN YEAR

	Semester Hours		
English 3-4	3	3	Rhetoric and Composition
Journalism 1	3		Introduction to Journalism
Natural Science 2		3	Principles of Biological Science
Philosophy 12		3	Logic
Physical Education 1-2	-	-	Physical Education
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Electives	3	3	Foreign Language; Humanities 20;
	—	—	lower-level courses in Economics,
	16	16	Politics, or Sociology.

SOPHOMORE YEAR

Humanities 23-24	3	3	World Literature
Journalism 31	3		News Writing and Reporting
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 21		3	Psychology
Religion 25; 26	3	3	Dogma; Sacraments
Speech 21-22	1	1	Advanced Speech
Electives	3	3	Foreign Language; Humanities 20;
	—	—	lower level courses in Economics,
	16	16	Politics, or Sociology.

JUNIOR YEAR

English 33; 32 or 36	3	3	Romantic Age; Shakespeare or Major American Writers
English 37 or 45	2		Advanced Composition; Contemporary Literature
English 38 or 46	2-3		Creative Writing; Catholic Literature
History 37; 36 or 38	3	3	Rise of American Industry; American Frontier or U.S. History since 1900
Journalism 32 or 34		3	Editing; Feature Writing
Journalism 44 or 46	3	3	Newspaper Management and Adver- tising or Ethics of Journalism
Philosophy 31	3		Metaphysics
Politics 33	3	3	Political Parties and Pressure Groups; Comparative Governments
	—	—	
	17	17-18	

SENIOR YEAR

English 33; 32 or 36	3	3	Romantic Age; Shakespeare or Major American Writers
English 37 or 45	2		Advanced Composition; Contemporary Literature
English 38 or 46	2-3		Creative Writing; Catholic Literature
Journalism 32 or 34		3	Editing or Feature Writing
Journalism 41 and 44 or 46	3	3	Editorial Page; Newspaper Manage- ment and Advertising or Ethics of Journalism
Politics 34		3	Comparative Governments
Sociology 31		3	Rural-Urban Sociology
Religion, upper level		3	Required Elective
Electives	2-3		
	—	—	
	17	17-18	

DEPARTMENT OF MODERN LANGUAGES

The primary aim in the teaching of the modern languages is to train the student to some proficiency in reading and understanding the language he studies and to some facility in speaking and writing. A second aim is to give him an acquaintance with the literature, culture, and history of the people represented by the language. In addition, the Department provides adequate preparation for teaching of the language in secondary schools.

In order that the first of these aims may be realized with some degree of completeness, the student is urged to take at least two years of a language. No credit will be given for less than one year of beginning work; that is, credit for the first semester in an introductory course will be withheld until the second-semester work has been successfully completed. Students who have completed two or more units of a language in high school may be admitted to the second semester of the college introductory course or even to the intermediate course in that language by passing a qualifying test.

In each of the three languages, French, German, and Spanish, there is available a minor sequence consisting of twelve semester hours in upper-level courses.

COURSES IN FRENCH

1-2. Introductory French 6 hours

Careful training in the fundamentals of French grammar and pronunciation. Simultaneous development of the four ends of language study: reading, comprehension, writing, and speaking.

21-22. Intermediate French 6 hours

Intensive reading of selected short stories, plays, and excerpts which treat of French customs and culture. Review of grammar. Exercises in writing and speaking.

31. Advanced French Composition 3 hours

Exercises in idiomatic construction and beauty of expression. Prerequisite: French 1-2 and 21-22, or equivalent.

32. French Literature 3 hours

A survey of French literature from its beginnings to the nineteenth century. Reading assignments and written reports.

41-42. French Literature 6 hours

A survey of French literature of the nineteenth and twentieth centuries. Special emphasis on the Catholic Renaissance. Reading assignments and written reports.

COURSES IN GERMAN**1-2. Introductory German 6 hours**

Exercises in pronunciation, essentials of grammar, and functional vocabulary. Intensive reading from graded texts.

21-22. Intermediate German 6 hours

Review of grammar. Practice in reading and writing. Required selections from modern works in the narrative, dramatic, and scientific styles.

26. Scientific German 3 hours

An intensive reading course for students majoring in science. This course may be substituted for German 22.

35-36. German Literature 6 hours

A survey of German literature. Reading assignments; oral and written reports.

41-42. German Drama 6 hours

A study of the works of Goethe and Schiller as representative of the classical period, and the reading of modern dramatists from Kleist to Hauptmann.

COURSES IN SPANISH**1-2. Introductory Spanish 6 hours**

Drill in the basic grammatical rules with emphasis on the development of reading and conversational ability. Written exercises are required.

21-22. Intermediate Spanish 6 hours

Review of grammatical forms. Advanced grammar and syntax. Reading of graded texts. Practice in conversation and written reports.

31-32. Spanish Literature 6 hours

Survey of Spanish literature from its beginnings to modern times. Selected readings from the most important authors. Written and oral reports. (Offered in 1956-57.)

35. Advanced Conversation and Composition 3 hours

Systematic and intensive drill in Spanish oral practice. Written and oral composition. Readings and subjects for discussion are assigned.

Prerequisite: Spanish 21-22 or equivalent.

36. Commercial Spanish 3 hours

Study of the language used in business, its forms and idioms. Special attention is given to letter writing and other business documents.

41-42. Spanish-American Literature 6 hours

A survey of Spanish American literature with emphasis on the nineteenth and twentieth centuries. Selected readings from representative authors from the various countries. (Offered in 1955-56.)

DEPARTMENT OF MUSIC

The Department aims to further the intellectual and artistic development of the student through the medium of music theory and practice. In addition to the courses in musical theory, instruction in applied music is available in voice, piano, organ, and all band and orchestral instruments.

COURSES IN MUSICAL THEORY

1. Basic Theory 2 hours

An introductory course in musical theory covering musical notation, scales and intervals to prepare the student for further work in theory.

2. Ear Training 2 hours

A course designed to train the student in identifying intervals, chords and melodies.

23-24. Harmony 4 hours

The study of chords and their progressions. Also a complete study of cadences, transitions, and modulations.

Prerequisite: Music 1.

33. Counterpoint I 2 hours

Strict and Free Counterpoint — four species; two-voiced counterpoint.

Prerequisite: Music 23-24.

34. Counterpoint II 2 hours

Florid counterpoint — fifth species, canon, and fugue; three and four-part counterpoint.

Prerequisite: Music 33.

35-36. Orchestration 4 hours

A study of the characteristics of the instruments; scoring of compositions for band and orchestra.

Prerequisite: Music 23-24.

43-44. Composition 4 hours

Original composition.

Prerequisite: Music 34.

COURSES IN APPLIED MUSIC *

1-2., or 3-4., or 11-12. Voice or Instrument 2 hours

Private instruction in the following fields of applied music are offered: a) voice b) piano c) organ d) violin or other string instruments e) wind instruments f) percussion instruments g) band.

21-22. Voice or Instrument 2 hours

A continuation of Applied Music 11-12.

31-32. Voice or Instrument 2 hours

A continuation of Applied Music 21-22.

41-42. Voice or Instrument 2 hours

A continuation of Applied Music 31-32.

COURSES IN SPEECH

1-2. Fundamentals of Speech 2 hours

A beginning course in the basic principles of speech. Emphasis is placed on the voice and its mechanics, enunciation, pronunciation, and projection. Practice and criticism in various types of speaking.

12. Introduction to Public Speaking 2 hours

A one-semester course in the fundamentals of public speaking for pre-theology students.

21-22. Advanced Speech 2 hours

A study and application in composition and delivery of the principles underlying persuasive speaking. Practice in extemporaneous speaking on subjects of current interest and the student's choice, with attention given to content, organization, and essentials of effective presentation.

Prerequisite: Speech 1-2

31-32. Public Discussion and Debate 4 hours

A thorough study of the principles and problems involved in panel, group, and parliamentary discussion techniques. The study of formal argument in its relation to practice and contest debating.

Prerequisite: Speech 1-2

* In order to enter Applied Music 11-12 which is college level, beginners should be capable of playing fourth grade music.

33. Oral Interpretation of Literature**2 hours**

A course designed to develop ability in interpreting the meaning of the printed page and in communicating that meaning to others.

Practice in interpretation of poetry, prose, dramatic literature, and the monologue. (Offered in 1955-56.)

Prerequisite: Speech 1-2

35-36. Fundamentals of Acting**2 hours**

A course in the elements of acting, including concentration, memory of emotion, dramatic action, characterization, observation, and rhythm. Students participate in College productions. (Offered in 1956-57.)

38. Fundamentals of Play Production**2 hours**

A course in the elements of acting and the technical aspects of play production to prepare the student to direct plays in schools and communities. Attention is given to the problems of casting, rehearsals, the use of stage areas, scenery, and make-up. Students participate in College productions. (Offered in 1955-56.)

40. Oral Interpretation of Modern Drama**2 hours**

A study in the interpretation of modern drama from Ibsen to the present day. (Offered in 1956-57.)

DIVISION OF NATURAL SCIENCES

The Division of Natural Sciences comprises four fields: the biological sciences, engineering, mathematics and the physical sciences. The general aim of the Division is to foster an appreciation of the material world as a masterpiece of God's creation and thereby to make an integral contribution to the program of general education.

Both the divisional and departmental courses are designed to enable the student to obtain: 1. Factual information about the material world. 2. An understanding of the difficulties involved in gaining this information and a knowledge of some of the methods used for overcoming such difficulties. 3. An ability to comprehend and to evaluate critically statements concerning the subject matter of the sciences. 4. Knowledge of some accepted solutions to the problems posed by time and quantity, the physical world and living organisms, and the application of these solutions to the problems of modern living.

The departmental courses have these further purposes: 1. To develop skill in the generally accepted methods of scientific investigation. 2. To prepare the student for work in graduate or professional schools. 3. To meet the needs of those students who are preparing for entrance into certain vocational fields upon graduation.

The Division of Natural Sciences offers a major sequence leading to the A.B. or B.S. degree in each of the following Departments: Biology, Chemistry, Geology, and Mathematics. Engineering students may receive the A.B. degree by completing one of the engineering programs described on pages 88-91.

Students majoring in the natural sciences will substitute the prerequisite departmental courses on the lower level for the nine semester hours of divisional courses in natural sciences otherwise demanded in fulfillment of the requirement in general education.

A group major in biology-chemistry is offered by the Division for pre-medical students. The minimum requirement is thirty-six hours in upper-level courses in biology and chemistry so distributed as to include a minimum of sixteen in each department. This group major must include the following upper-level courses: Biology 39, 43-44, and Chemistry 31-32, 33, and 41. No minor sequence is required.

The Division offers also a group major in mathematics-physics. The minimum requirement is thirty-six semester hours in upper-level courses chosen by the student in consultation with the Chairman of the Division. Mathematics 31, 34, 41, and Physics 31, 41-42, and 44 must always be included. No minor sequence is required.

DIVISIONAL COURSES

2. Principles of Biological Science

3 hours

This course, designed for the student who does not intend to major in the natural sciences, affords him an opportunity to obtain some understanding and appreciation of the basic principles of biological science and an acquaintance with some of the more commonly known plant and animal forms. These are studied in their relation to man as a living entity sharing certain functions with them, dependent upon them for nutrition, clothing, medicine, and industrial processes, or guarding himself against them for purposes of health.

3-4. Principles of Physical Science

6 hours

This course, for the student who does not intend to major in the natural sciences, deals with the chief concepts, theories, and laws by which physical scientists explain the phenomena of the external world in so far as these serve as a background for the understanding of our technical civilization. The topics are selected from physics, astronomy, chemistry, geology, and mathematics.

DEPARTMENT OF BIOLOGY

The departmental courses in biology are intended to help the student acquire: 1. A knowledge of the basic principles of the biological sciences and some skill in the application of the scientific method to biological problems. 2. The necessary background for work in graduate or professional schools of medicine, dentistry, or biological science. 3. The biological background for certain professional careers such as teaching biology in secondary schools or working with biological surveys and in museum laboratories.

The minimum requirement in upper-level courses for a major sequence in biology is twenty-four semester hours; for a minor sequence, twelve semester hours.

Majors in biology must show credit in Chemistry 31-32 and Physics 21-22. Pre-medical students must show four semesters of credit, or the equivalent, in a modern foreign language. German and French are recommended.

Laboratory fees: Biology 1, 2, 3, and 12, each \$5.00. Biology 31, 32, 34, 39, 40, 41, 43, 44, 45, and 51, each \$7.50.

COURSES IN BIOLOGY**1. Introductory Zoology 4 hours**

The fundamental principles of animal biology and a study of appropriate type forms illustrating the various phyla, with stress on laboratory exercises. Two lectures and two two-hour laboratory periods each week. Students majoring in one of the natural sciences may substitute this course for the divisional course in biological science.

2. Introductory Botany 4 hours

The fundamentals of plant biology including the identification of some of the more common plants and trees, a study of the structure and physiology of plants, and an introduction to the Mendelian laws of heredity. Two lectures and two two-hour laboratory periods each week.

3. Introductory Biology 4 hours

A brief course in general biology intended primarily for physical education students. The course includes a study of some typical plant and animal forms together with an introduction to the study of human biology. Not open to students showing credit in Biology 1. This course may be substituted for the divisional course, Principles of Biological Science, by students planning to major in physical education. Three lectures and one two-hour laboratory period each week.

12. Human Anatomy and Physiology 4 hours

An introductory course intended primarily for physical education majors. The course is recommended for students preparing to teach biology or health in high school. Three lectures and one two-hour laboratory period each week.

Prerequisite: Biology 3 or 1.

15. Personal and Community Health 3 hours

Personal health and the prevention of disease in the family and community; relation of sanitation and disease control to community health; communicable diseases. Three lecture periods each week.

31-32. Comparative Vertebrate Anatomy 6 hours

The study of type forms of different classes of vertebrates, from the viewpoint of the morphological relationships of the various

**Suggested Program of Courses for the A.B. or B.S. Degree
with Biology as Major and Chemistry as Minor Sequence ****

FRESHMAN YEAR

	Semester Hours		
Biology 1, 2,	4	4	Zoology; Botany
Chemistry 1, 2	4	4	General Inorganic; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3	3	3	Algebra; Trigonometry
Philosophy 12		3	Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

Biology 31-32	3	3	Comparative Vertebrate Anatomy
Humanities 21 or 23 or 25	3		English Literature; World Literature; Music Art Forms
Philosophy 21		3	General Psychology
Physics 21-22	4	4	College Physics
Religion 25, 26	3	3	Dogma; Sacraments
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
	<u>17</u>	<u>17</u>	

JUNIOR YEAR

Biology 33, 34	2	2	History of Medicine; Microtechnique
Biology 39, 40	4	4	Embryology; Animal Histology
Chemistry 31-32	4	4	Organic Chemistry
German 1-2	3	3	Introductory German
Humanities 20 or 22 or 24		3	Literary Art Forms; English Literature; World Literature
Philosophy 31		3	Metaphysics
	<u>16</u>	<u>16</u>	

SENIOR YEAR

Biology 43-44	4	4	Bacteriology
Biology 51	3		Honors Seminar
Chemistry 33 or 41	4		Quantitative Analysis; Elementary Physical Chemistry
Chemistry 34 or 42		4	Adv. Quantitative; Biochemistry
German 21, 26	3	3	Intermediate; Scientific German
Philosophy, upper level		3	
Religion 30		3	Christian Marriage
Social Science, upper level		3	History; Sociology
	<u>17</u>	<u>17</u>	

** Students who prefer a group major in biology-chemistry will take Chemistry 41 in the junior year in place of Biology 33.

organs and systems. One lecture and two two-hour laboratory periods each week.

Prerequisite: Biology 1.

33. History of Medicine 2 hours

A survey of the development of medical science from the earliest times to the present day. Particular interest is centered on a review of the developments and an examination of the trends in American medicine. Two lecture periods each week.

Prerequisite: Biology 1.

34. Microtechnique 2 hours

Principles and practice in the preparation of animal and plant tissues and small organisms for microscopic study. Two two-hour laboratory periods each week.

Prerequisites: Biology 1 or 2, and Chemistry 2.

38. Genetics 3 hours

A study of the general principles of heredity and the operation of hereditary factors in the origin and development of species and of individual traits. Special emphasis is placed on human heredity and the analysis of family pedigrees. (Offered in 1957-58.)

Prerequisite: Biology 1 or 2.

39. Embryology. 4 hours

Laboratory study of the developmental anatomy of frog, chick, and pig embryos. Lecture emphasis is placed on an analysis of the processes of development and a study of elementary experimental embryology. Two lectures and two two-hour laboratory periods each week.

Prerequisite: Biology 32.

40. Animal Histology 4 hours

A microscopic study of normal vertebrate tissues and organs, with special reference to human tissues. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 32 and Chemistry 2.

41. Invertebrate Zoology 4 hours

A study of the characteristics and relationships of representative species of invertebrates with reference to classification. This course includes some field work in ecological study, collection of specimens, their identification and preparation for laboratory and museum display. Primarily intended as a background for teaching biology. Three lectures and one three-hour laboratory period each week.

Prerequisite: Biology 1.

43-44. Microbiology**8 hours**

A study of bacterial structure, life activities, and classification, together with the principles of immunology. Laboratory methods of culture, isolation, and identification of various organisms, particularly enteric forms; water, milk, soil, and food bacteriology. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 2 and Chemistry 2.

45. Vertebrate Physiology**4 hours**

A study of vertebrate physiology with special reference to human functions. Designed primarily for pre-medical students and others whose field of concentration is biology. Selected laboratory experiments. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 1 and Chemistry 2.

47. General Physiology**4 hours**

The physiological processes at the organismic level are analyzed and correlated with the simpler manifestations at the cell level. Among the topics discussed are the structure and composition of cells, reactions of organisms to the environment, adjustment and maintenance of the internal environment, energy sources and utilization of energy for movement, production of electricity. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 1 and Chemistry 31.

51. Honors Seminar in Biology**3 hours**

DEPARTMENT OF CHEMISTRY

The courses in the Department of Chemistry are designed to help the student: 1. To understand and appreciate, by means of basic courses, the principles of chemistry. 2. By means of carefully supervised laboratory work and by an introduction to the literature of the field: a) to observe carefully and accurately natural phenomena. b) to realize and appreciate the problem of the application of the theoretical principles to actual experimental work. 3. By a study of the literature and by means of a minor research problem to initiate the development of the skills and attitudes requisite for research in the field of chemistry. 4. To meet the basic requirements in chemistry for entrance into graduate school, medical school, or industrial chemistry.

The minimum requirement for a major sequence in chemistry is twenty-four semester hours on the upper level, including courses in organic, quantitative analysis, and physical chemistry. For a

**Suggested Program of Courses for the A.B. or B.S. Degree
with Chemistry as Major and Mathematics as Minor Sequence**

FRESHMAN YEAR

	Semester Hours		
Chemistry 3, 4	5	5	General Chemistry and Qualitative Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra, Trigonometry; Analytics
Philosophy 12		3	Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
Elective		3	
	<u>18</u>	<u>18</u>	

SOPHOMORE YEAR

Chemistry 31-32	4	4	Organic Chemistry
German 1-2	3	3	Introductory German
Mathematics 21, 22	3	3	Differential and Integral Calculus
Physics 21-22	4	4	College Physics
Religion 25, 26	3	3	Dogma; Sacraments
	<u>17</u>	<u>17</u>	

JUNIOR YEAR

Chemistry 33, 34	4	4	Quantitative; Adv. Quantitative Analysis
Chemistry 37, 38	1	1	Literature of Chemistry; Pro-seminar
Chemistry 48		2	Advanced Inorganic Chemistry
German 21, 26	3	3	Intermediate; Scientific German
Mathematics 33 or 41	3		College Geometry; Theory of Equations
Philosophy 21, 31	3	3	Psychology; Metaphysics
Social Science 1-2	3	3	Development of Western Institutions
	<u>17</u>	<u>16</u>	

SENIOR YEAR

Chemistry 45-46	4	4	Physical Chemistry
Chemistry 49-50	1	1	Research in Chemistry
Chemistry 51	3		Honors Seminar
Humanities 21-22 or 23-24	3	3	English Literature; World Literature
Mathematics 31	3		Calculus II
Mathematics 33 or 41	3		College Geometry; Theory of Equations
Religion, upper level	3		Christian Marriage; Church History; Sacred Scripture
Social Science, upper level	3		History; Sociology
Elective, upper level	3		Mathematics or Social Science
	<u>17</u>	<u>17</u>	

minor sequence twelve semester hours in upper-level courses, including Chemistry 33, are required.

The following are prerequisite for upper-level courses, or requisite for graduation: Chemistry 3, 4, 38, and either 49 or 51. It is further necessary for a student majoring in chemistry to show credit in Mathematics 1, 3, 4, 21, 22, and in Physics 21-22. Two years of college German, or the equivalent, must be completed.

Unless otherwise noted, laboratory periods are three-hour periods. Laboratory fees: Chemistry 1, 2, 3, 4, 41, 45, and 46, each \$7.50. Chemistry 31, 32, 33, 34, 42, and 51, each \$10.00. Chemistry 49 and 50, each \$5.00,

COURSES IN CHEMISTRY

1. General Chemistry 4 hours

An introduction to the field of chemistry, the course stresses the atomic theory and general chemical laws and theories governing gases, liquids, solids, and solutions. The work in the laboratory consists of experiments involving inorganic reactions. Three lectures and one laboratory period each week.

2. Inorganic Chemistry and Qualitative Analysis 4 hours

A continuation of Chemistry 1, with emphasis on inorganic substances. The elements are studied individually and as members of related groups with the view of appreciating the relationships among all substances in nature. The laboratory work consists of qualitative analysis using a semi-micro technique for representative ions in the inorganic field. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 1.

3-4. General Chemistry and Qualitative Analysis 10 hours

A more complete course in the fundamental principles of the science for Chemistry majors and for students preparing to enter Chemical Engineering or Metallurgy. The course stresses the theory involved in chemical activity. The second semester is devoted to the qualitative analysis of representative cations and anions. Four lectures and one laboratory period each week.

31-32. Organic Chemistry 8 hours

A study of the structure, reactions, and properties of the aliphatic and aromatic carbon compounds. The applications of organic chemistry in industry and medicine are emphasized. In the laboratory the important methods and techniques are stressed. The material presented in the lectures is illustrated by the preparation and identi-

fication of typical compounds. Three lectures and one laboratory period each week.

Perequisite: Chemistry 1 and 2.

33. Quantitative Analysis 4 hours

A study of the theoretical principles upon which analytical methods are based and an explanation and application of the calculations involved. In the laboratory the standard volumetric and gravimetric procedures are used. Two lectures and two laboratory periods each week.

Prerequisites: Chemistry 1 and 2.

34. Advanced Quantitative Analysis 4 hours

An advanced study of quantitative analysis. The laboratory work includes calibration of weights and volumetric apparatus. Some use is made of instrument analysis by the use of electrolytic, colorimetric, and electrometric titration procedures. Two lectures and two laboratory periods each week.

Perequisite: Chemistry 33.

37. Literature of Chemistry 1 hour

The purpose of the course is to acquaint students majoring in chemistry with library research. Students are also introduced to the norms and procedures for writing a research report.

38. Pro-seminar in Chemistry 1 hour

The purpose of the course is to acquaint the student with the literature of the field. Weekly library reports based on the study of periodicals and reference works are required.

Perequisite: Chemistry 37.

39. Advanced Organic Chemistry 2 hours

A continuation of Chemistry 32, the course deals with reaction mechanisms. Class discussions, requiring extensive use of the library facilities, on advanced organic reactions and laboratory procedures are held. Two lectures each week. (Offered in 1956-57.)

Perequisite: Chemistry 31-32.

41. Elementary Physical Chemistry 4 hours

A course intended primarily for students who lack the mathematical preparation for the more extensive course, Chemistry 45-46. The principles of physical chemistry are treated from a descriptive viewpoint with emphasis on solutions, colloids, and physical structure. This course may not be counted toward a major in chemistry. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 1, 2, 33, and Physics 21-22.

42. Biochemistry**4 hours**

A study of the composition of organisms, of the food materials required by them, and the chemical changes attending the transformation of these food materials into the substances composing these organisms. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 31-32.

45-46. Physical Chemistry**8 hours**

A fundamental course based on the principles of physical chemistry. The role of energy in chemical reactions is treated both from the descriptive and the analytical viewpoints. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 1, 2, 33, Mathematics 21, 22, and Physics 21-22.

48. Advanced Inorganic Chemistry**2 hours**

An introduction to the quantum theory and an application of quantum restrictions to chemical phenomena. This is followed by a treatment on photo energy and a discussion of the periodic classification of the elements and the arrangement of the periodic chart.

Prerequisites: Chemistry 1 and 2.

49-50. Research in Chemistry**2 hours**

Early in the first semester, topics for research problems are chosen. Throughout the year, library research is pursued. Progress reports are made and discussed.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

51. Honors Seminar in Chemistry**3 hours**

An alternate course for Chemistry 49-50, open to students who have made a B average in the chemistry courses of the junior year.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

ENGINEERING

FIVE-YEAR ENGINEERING PROGRAMS

The following programs enable students to combine a liberal arts course at Saint Joseph's College with education in Engineering at a University or Technical School. Under this plan, the student attends Saint Joseph's for three years and then transfers to the Engineering School for the completion of advanced courses in a particular field of engineering. Agreements on this 3-2 program have been completed with the following: Illinois Institute of Technology, Notre Dame University, Purdue University and Rose Polytechnic Institute.

Upon the successful completion of the requirements from Saint Joseph's, the candidate will receive the Bachelor of Arts degree, and, upon the successful completion of the five-year course, the Bachelor of Science in Engineering degree from the school to which he has transferred.

Students in the 3-2 program are accepted at these engineering schools only on recommendation of the Dean's Committee on Engineering. They must submit a formal application for transfer to an engineering school in the fall semester of their junior year. Those who fail to meet these requirements or special requirements listed below under the various Engineering Programs will be considered as transfer students.

The 3-2 Engineering student is subject to all graduation requirements. In place of the Comprehensive Examination, however, he should plan to take the Graduate Record Examination (Area Tests in Humanities, Natural Science and Social Science and the Advanced Test in Engineering or Agriculture). This test can be taken at Saint Joseph's (consult College Calendar) or at an authorized testing center, but no earlier than the eighth semester of the Engineer's course of studies. His scores on the Graduate Record Examination will be submitted for approval to the Division of Natural Sciences.

Agreements in acceptance of the 3-2 program have been completed with the following schools:

Illinois Institute of Technology. The following branches of Engineering: Chemical; Civil; Electrical; Fire Protection and Safety; Food; Industrial; Mechanical.

Requirements: a) Recommendation by the Dean's Committee on Engineering.

b) Special course requirements as indicated in the programs below.

Notre Dame University. The following branches of Engineering; Aeronautical; Chemical; Civil; Electrical; Mechanical; Metallurgical.

- Requirements: a) Recommendation by the Dean's Committee on Engineering plus a 2.6 cumulative index at Saint Joseph's College.
b) Students must have foreign language credit either in high school or college.

Purdue University. a) A 3-2 Program in Agriculture.

b) The following branches of Engineering; Aeronautical; Chemical; Civil; Electrical; Mechanical; Metallurgical.

- Requirements: a) Recommendation by the Dean's Committee on Engineering.
b) A 2.6 cumulative index at Saint Joseph's College.

Rose Polytechnic Institute. The following branches of Engineering: Chemical; Electrical; Mechanical.

- Requirements: a) Recommendation by the Dean's Committee on Engineering.
b) A 2.6 cumulative index at Saint Joseph's College.

Approved Sequence of Courses for the First Three Years of the Aeronautical Engineering Program.*

(Notre Dame University; Purdue University)

FRESHMAN YEAR

	Semester Hours		
Chemistry 1, 2	4	4	General Chemistry and Qualitative Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

English 27	3		Business and Technical Writing
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 31		3	Metaphysics
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
**Social Science 1-2	3	3	Development of Western Institutions
Speech 21	1		Advanced Speech
	<u>18</u>	<u>17</u>	

JUNIOR YEAR

Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics 31, 33	6		Calculus II; College Geometry
Mathematics 41, 34	3	3	Theory of Equations; Differential Equations
Philosophy, Upper Level	3		Required Elective
Physics 44		3	Statics
Physics, Upper Level	3		Required Elective
Religion, Upper Level		3	Required Elective
	<u>18</u>	<u>18</u>	

* It may be helpful for students to know that the first three years of the Aeronautical, Civil and Mechanical Programs are the same.

** Students planning to attend Illinois Institute of Technology choose Economics 21-22 instead of Social Science 1-2.

Approved Sequence of Courses for the First Three Years of the
Combined Program in Agriculture

(Purdue University)

FRESHMAN YEAR

	Semester Hours		
Biology 1, 2	4	4	Introductory Zoology; Botany
Chemistry 1, 2	4	4	General Inorganic; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3	3	3	Algebra; Trigonometry
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

Chemistry 31-32	4	4	Organic Chemistry
Economics 1	3		Principles of Economics
Mathematics 4		3	Analytical Geometry
Philosophy 21	3		General Psychology
Philosophy 31		3	Metaphysics
Physics 21-22	4	4	College Physics
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
	<u>18</u>	<u>18</u>	

JUNIOR YEAR

Biology 43-44	4	4	Bacteriology
English 27	3		Business and Technical Writing
Geology 1	4		Physical Geology
Humanities	3	3	Required Elective
Philosophy, Upper Level		3	Required Elective
Religion, Upper Level		3	Required Elective
Social Science 1-2	3	3	Development of Western Institutions
	<u>17</u>	<u>16</u>	

**Approved Sequence of Courses for the First Three Years of the
Chemical Engineering Program.**

(Illinois Institute of Technology; Notre Dame University;
Purdue University; Rose Polytechnic Institute)

FRESHMAN YEAR

	Semester Hours		
Chemistry 3-4	5	5	Gen. Chemistry and Qual. Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	<u>18</u>	<u>18</u>	

SOPHOMORE YEAR

Chemistry 33	4		Quantitative Analysis
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 31		3	Metaphysics
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
* Social Science 1-2	3	3	Development of Western Institutions
	<u>18</u>	<u>17</u>	

JUNIOR YEAR

Chemistry 31-32	4	4	Organic Chemistry
Chemistry 37, 38	1	1	Literature of Chemistry; Pro-seminar
** English 27	3		Business and Technical Writing
Humanities 21-22; 23-24; 20;			Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Philosophy, Upper Level	3		Required Elective
*** Physics 44		3	Statics
Religion, Upper Level		3	Required Elective
	<u>17</u>	<u>17</u>	

* Students planning to attend Illinois Institute of Technology choose Economics 21-22 instead of Social Science 1-2.

** Students planning to attend Illinois Institute of Technology choose an upper level Mathematics course. In their fifth or sixth semester these students take Chemistry 205 (Fuels and Stoichiometry) at the Institute.

*** Students planning to attend Rose Polytechnic Institute should take Mathematics 34, Differential Equations.

**Approved Sequence of Courses for the First Three Years of the
Civil Engineering Program.**

(Illinois Institute of Technology; Notre Dame University;
Purdue University)

FRESHMAN YEAR

	Semester Hours		
Chemistry 1, 2	4	4	General Chemistry; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

English 27	3		Business and Technical Writing
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 31		3	Metaphysics
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
** Social Science 1-2	3	3	Development of Western Institutions
Speech 21	1		Advanced Speech
	<u>18</u>	<u>17</u>	

JUNIOR YEAR

Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics 31, 33	6		Calculus II; College Geometry
Mathematics 41, 34	3	3	Theory of Equations; Differential Equations
Philosophy, Upper Level		3	Required Elective
Physics 44		3	Statics
Physics, Upper Level	3		Required Elective
Religion, Upper Level		3	Required Elective
	<u>18</u>	<u>18</u>	

* It may be helpful for students to know that the first three years of the Aeronautical, Civil and Mechanical Programs are the same.

** Students planning to attend Illinois Institute of Technology choose Economics 21-22 instead of Social Science 1-2.

Approved Sequence of Courses for the First Three Years of the Electrical Engineering Program

(Illinois Institute of Technology; Notre Dame University;
Purdue University; Rose Polytechnic Institute)

FRESHMAN YEAR

	Semester Hours		
Chemistry 1, 2	4	4	General Inorganic; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

* English 27	3		Business and Technical Writing
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 31		3	Metaphysics
Physics 23-24	5	5	Engineering Physics
Religion 25-26	3	3	Dogma; Sacraments
** Social Science 1-2	3	3	Development of Western Institutions
Speech 21	1		Advanced Speech
	<u>18</u>	<u>17</u>	

JUNIOR YEAR

Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics 31, 33	6		Calculus II; College Geometry
Mathematics 41, 34	3	3	Theory of Equations; Differential Equations
Philosophy, upper level		3	Required Elective
Physics 31, 44	3	3	Electric Circuits; Statics
Religion, upper level		3	Required Elective
	<u>18</u>	<u>18</u>	

* Students planning to attend Illinois Institute of Technology choose Accounting I instead of English 27; in their 7th or 8th semester course work at the Institute, these students take M.E. 322 (Production Methods).

** Students planning to attend Illinois Institute of Technology choose Economics 21-22 instead of Social Science 1-2.

Approved Sequence of Courses for the First Three Years of the
Fire Protection and Safety Engineering Program.

(Illinois Institute of Technology)

FRESHMAN YEAR

	Semester Hours		
Chemistry 3-4	5	5	General Chemistry and Qualitative Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamenals of Speech
	<u>18</u>	<u>18</u>	

SOPHOMORE YEAR

Economics 21-22	3	3	Principles of Economics
Humanities	3	3	Required Elective
Mathematics 21-22	3	3	Differential and Integral Calculus
Physics 23-24	5	5	Engineering Physics
Religion 25-26	3	3	Dogma; Sacraments
	<u>17</u>	<u>17</u>	

JUNIOR YEAR

Chemistry 31-32	4	4	Organic Chemistry
Economics 41	3		Insurance and Risk
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics, Upper Level	3		Required Elective
Philosophy 31	3		Metaphysics
Philosophy, Upper Level		3	Required Elective
Physics 44		3	Statics
Religion, Upper Level		3	Required Elective
	<u>16</u>	<u>16</u>	

Approved Sequence of Courses for the First Three Years of the
Food Engineering Program.*

(Illinois Institute of Technology)

FRESHMAN YEAR

	Semester Hours		
Biology 1-2	4	4	Zoology; Botany
Chemistry 3-4	5	5	General Chemistry and Qualitative Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
	18	18	

SOPHOMORE YEAR

Chemistry 31-32	4	4	Organic Chemistry
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 12, 21	3	3	Logic; Psychology
Physics 23-24	5	5	Engineering Physics
Religion 25-26	3	3	Dogma; Sacraments
	18	18	

JUNIOR YEAR

Chemistry 33	4		Quantitative Analysis
Economics 21-22	3	3	Principles of Economics
Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics, Upper Level	3		Required Elective
Philosophy 31	3		Metaphysics
Philosophy, Upper Level	3		Required Elective
Religion, Upper Level	3		Required Elective
Speech 1-2	1	1	Fundamentals of Speech
	17	19	

* In their 7th or 8th semester at the Illinois Institute of Technology, these students choose Stoichiometry.

**Approved Sequence of Courses for the First Three Years of the
Industrial Engineering Program.***

(Illinois Institute of Technology)

FRESHMAN YEAR

	Semester Hours		
Business Ad. 1-2	2	2	Introduction to Business
Chemistry 1, 2	4	4	General Chemistry; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1	3		Christian Morality
	<hr/>	<hr/>	
	18	18	

SOPHOMORE YEAR

Accounting 1-2	3	3	Principles of Accounting
Economics 21-22	3	3	Principles of Economics
Mathematics 21, 22	3	3	Differential and Integral Calculus
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
	<hr/>	<hr/>	
	18	18	

JUNIOR YEAR

Accounting 45	2		Cost Accounting
English 27	3		Business and Technical Writing
Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing, Descriptive Geometry
Mathematics, Upper Level	3		Required Elective
Philosophy 31	3		Metaphysics
Philosophy, Upper Level	3		Required Elective
Physics 44	3		Statics
Religion, Upper Level	3		Required Elective
Social Science 40	3		Catholic Social Principles
	<hr/>	<hr/>	
	17	18	

* Students planning to attend Illinois Institute of Technology will take P.S. 240, American Constitutional System and B.E. 427, Engineering Economics in their 5th and 6th semester at the Institute.

Approved Sequence of Courses for the First Three Years of the
Mechanical Engineering Program.

(Illinois Institute of Technology; Notre Dame University;
Purdue University; Rose Polytechnic Institute)

FRESHMAN YEAR

	Semester Hours		
Chemistry 1, 2	4	4	General Chemistry; Qualitative
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12, 21	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	17	17	

SOPHOMORE YEAR

English 27	3		Business and Technical Writing
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 31		3	Metaphysics
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
** Social Science 1-2	3	3	Development of Western Institutions
Speech 21	1		Advanced Speech
	18	17	

JUNIOR YEAR

Humanities	3	3	Required Elective
Mathematics 9, 10	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics 31, 33	6		Calculus II; College Geometry
Mathematics 41, 34	3	3	Theory of Equations; Differential Equations
Philosophy, Upper Level		3	Required Elective
Physics 44		3	Statics
Physics, Upper Level	3		Required Elective
Religion, Upper Level		3	Required Elective
	18	18	

* It may be helpful for students to know that the first three years of the
Aeronautical, Civil and Mechanical Programs are the same.

** Students planning to attend Illinois Institute of Technology choose Eco-
nomics 21-22 instead of Social Science 1-2.

Approved Sequence of Courses for the First Three Years of the
Metallurgical Engineering Program

(Notre Dame University; Purdue University)

FRESHMAN YEAR

	Semester Hours		
Chemistry 3-4	5	5	General Chemistry and Qualitative Analysis
English 3-4	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 21, 12	3	3	Logic; Psychology
Physical Education 1-2	-	-	Physical Education
Religion 1		3	Christian Morality
Speech 1-2	1	1	Fundamentals of Speech
	18	18	

SOPHOMORE YEAR

German 1-2	3	3	Introductory German
Mathematics 21, 22	3	3	Differential and Integral Calculus
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
Social Science 1-2	3	3	Development of Western Institutions
	17	17	

JUNIOR YEAR

Chemistry 33, 48	4	2	Quantitative Analysis; Advanced Inorganic Chemistry
Chemistry 37, 38	1	1	Literature of Chemistry; Pro-seminar
English 27	3		Business and Technical Writing
German 21	3		Intermediate German
Humanities	3	3	Required Elective
Mathematics 9	3		Mechanical Drawing
Philosophy 31	3		Metaphysics
Philosophy, Upper Level		3	Required Elective
Physics 44		3	Statics
Religion, Upper Level		3	Required Elective
	17	18	

DEPARTMENT OF GEOLOGY

In addition to their contribution to general education the courses in geology are designed to prepare the student for entrance into graduate school or specific occupational fields. In this latter respect the courses are intended to prepare the student for a position with the United States Civil Service Commission, to enable him to work with the United States Geological Survey and State Geological Surveys, or to train him for employment in the petroleum or mining industries, or with the National Park Service, either in the field or in the home laboratory.

The minimum requirement for a major is twenty-four semester hours in upper-level courses including Geology 39, 43 and 44. For a minor sequence, twelve semester hours in upper-level courses are required.

Students majoring in Geology must show credit in or give evidence of sufficient knowledge of Physics 21-22, Chemistry 1, 2, and Mathematics 1, 3.

Laboratory fees: Geology 1 and 2, each \$5.00. Geology 33, 34, 41, 42, and 44, each \$7.50.

COURSES IN GEOLOGY

1. Physical Geology 4 hours

This course introduces the student to the field of geology through a study of the following topics: rock weathering, mass wasting, sculpture of lands by streams, subsurface water, lakes and swamps, glaciation, erosion and deposition by the wind, marine erosion, volcanoes, deformation of the earth's crust, earthquakes, metamorphism, land forms, the common rocks and minerals, topographic maps. Three lectures and one laboratory period each week.

2. Historical Geology 4 hours

A further introduction to the field of geology through a study of the following topics: earth history recorded in the rocks, the constant change of living things, the scale of time, the Archeozoic, Proterozoic, Paleozoic, Mesozoic, and Cenozoic world, fossils, geologic folios, land forms. Three lectures and one laboratory period each week.

Prerequisite: Geology 1.

33. Mineralogy 4 hours

A course dealing with physical, chemical, descriptive, economic, and determinative mineralogy, and the fundamentals of crystallography. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 1-2.

**Suggested Program of Courses for the A.B. or B.S. Degree
with Geology as Major Sequence ***

FRESHMAN YEAR

	Semester Hours		
Chemistry 1, 2	4	4	General Inorganic, Qualitative
English 3-4	3	3	Rhetoric and Composition
Geology 1, 2	4	4	Physical; Historical
Mathematics 1, 3	3	3	Algebra; Trigonometry
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

English 27	3		Business and Technical Writing
Geology 33, 34	4	4	Mineralogy; Petrology
Humanities 21-22, 23-24; 20; 25	3	3	(Required electives)
Philosophy 21	3		General Psychology
Physics 21-22	4	4	College Physics
Religion 25, 26	3	3	Dogma; Sacraments
	<u>17</u>	<u>16</u>	

JUNIOR YEAR

Geology 35	3		Geomorphology
Geology 41, 44	3	3	Invertebrate Paleontology; Strati- graphy
Philosophy 31	3		Metaphysics
Social Science 1, 2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Minor Sequence	3	3	
Electives	3	3	
	<u>16</u>	<u>16</u>	

SUMMER SESSION

Geology 39, Field Geology	8 hours
---------------------------------	---------

SENIOR YEAR

Geology 43, 42	3	3	Structural Geology; Subsurface Geology
Geology 45	3		Economic Geology
Geology 47-48	1	1	Pro-seminar
Geology 51	3		Honors Seminar
Philosophy, upper level	3		(Required elective)
Religion, upper level	3		(Required elective)
Minor Sequence	3	3	
Electives	3	3	
	<u>16</u>	<u>16</u>	

34. Petrology**3 hours**

A study of the formation, occurrence, and characteristics of the common rocks together with their field identification. Two lectures and one laboratory period each week.

Prerequisite: Geology 1 and 33.

35. Geomorphology**3 hours**

The study of the land forms produced by various geologic processes on the surface of the earth; the use of land forms in the interpretation of geologic history. Two lectures and one laboratory period each week. (Offered in 1956-57.)

Prerequisite: Geology 1.

36. Geological Surveying and Mapping**4 hours**

The fundamentals of drafting as applied to geological maps and diagrams; the use of instruments, especially the alidade transit and brunton compass; the construction of surveys and maps of assigned areas. Two lectures and two laboratory periods each week.

39. Field Geology**8 hours**

Geology of the Silver City Region, New Mexico. An eight weeks summer field course directed from the campus of St. Mary's Academy in Silver City. Field training in stratigraphy, structure, geomorphology and economic geology. Topographic mapping; geologic mapping with plane table, Brunton compass, topographic maps, and aerial photographs.

Prerequisite: Geology 1, 2; consent of the instructor.

41. Invertebrate Paleontology**3 hours**

Morphology, classification, geological significance of fossils; special study of index fossils of North America. Two lectures and one laboratory period each week.

Prerequisite: Geology 1 and 2.

42. Subsurface Geology**3 hours**

A course on the subsurface geology of the occurrence and production of oil and other mineral bodies. Two lectures and one laboratory period each week.

Prerequisite: Geology 1, 2, 34 and 41.

43. Structural Geology**3 hours**

A study of the framework of the earth's crust; the deformation of the earth, its causes and effects. Two lectures and one laboratory periods each week.

Prerequisites: Geology 1, 2, 34 and Mathematics 1, 3.

44. Stratigraphy 3 hours

Methods of description, classification and interpretation of faunal and facies changes; correlation of stratigraphic units, with emphasis on those of Indiana and Illinois. Laboratory and field exercises in stratigraphic problems. Two lectures and one laboratory period each week.

Prerequisites: Geology 1, 2, 34, and 41.

45. Economic Geology 3 hours

A study of the general principles for the formation of mineral deposits, together with an application of these principles to the study of specific economic mineral deposits.

Prerequisites: Geology 1, 2, and 34.

47-48. Pro-seminar in Geology 2 hours

Discussion of special problems.

Prerequisite: Senior standing.

51. Honors Seminar in Geology 3 hours

DEPARTMENT OF MATHEMATICS

The departmental courses in mathematics are designed to help the student attain: 1. An understanding and appreciation of the fundamental methods of deductive reasoning. 2. Certification for teaching mathematics in secondary schools. 3. Adequate preparation for work in graduate or professional schools. 4. Facility in using the tools of mathematics, particularly in the natural sciences and in business.

The minimum requirement for a major in mathematics is twenty-two semester hours in upper-level courses including Mathematics 31, 33, 34, and 41. For a minor sequence nine semester hours in upper-level courses are required including Mathematics 33 and 41.

COURSES IN MATHEMATICS

1. College Algebra 3 hours

This course is offered to acquaint the student with algebraic theory and to develop such skill and technique as are required for further work in mathematics. The course covers quadratics, real roots, graphs, determinants, permutations, combinations, and partial fractions.

3. Trigonometry 3 hours

A course designed to prepare the student for advanced work in mathematics, including a treatise of trigonometric functions, derivations of standard formulas, trigonometric identities, solution of triangles, and the numerical use of logarithms.

Suggested Program of Courses for the A.B. or B.S. Degree
with Mathematics as Major and Physics as Minor Sequence **

FRESHMAN YEAR

	Semester Hours		
English 3-4 or 7-8	3	3	Rhetoric and Composition
Mathematics 1, 3, 4	6	3	Algebra; Trigonometry; Analytics
Philosophy 12		3	Logic
Physical Education 1-2			Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Elective		3	
	16	16	

SOPHOMORE YEAR

Humanities 21-22, 23-24; 20; 25; 27	3	3	English Literature; World Literature; Literary Art; Music Art Forms; Art: History and Appreciation
Mathematics 21, 22	3	3	Differential and Integral Calculus
Philosophy 21		3	General Psychology
Physics 23-24	5	5	Engineering Physics
Religion 25, 26	3	3	Dogma; Sacraments
Social Science, Elective	3		Economics; Geography; History; Politics
	17	17	

JUNIOR YEAR

Mathematics 31, 32 or 33, 34	3	3	Calculus II, Adv. Calculus; College Geometry, Differential Equations
Mathematics 35 or 37	3		Solid Analytics; Theory of Numbers
Mathematics 41	3		Theory of Equations
Mathematics 43 or 44		3	History of Mathematics; Determin- ants and Matrices
Philosophy 31		3	Metaphysics
Physics 41-42 or 45-46	3	3	Modern Physics; Electronics
Electives	5	5	
	17	17	

SENIOR YEAR

Mathematics 31, 32 or 33, 34	3	3	Calculus II, Adv. Calculus; College Geometry, Differential Equations
Mathematics 35 or 37	3		Solid Analytics; Theory of Numbers
Mathematics 43 or 44		3	History of Mathematics; Determin- ants and Matrices
Mathematics 51	3		Honors Seminar
Philosophy, upper level	3		
Physics 41-42 or 45-46	3	3	Modern Physics; Electronics
Religion, upper level		3	
Elective		3	
	15	15	

** Students who plan to complete the requirements for the mathematics-
physics group major are advised to substitute three hours in physics
for Advanced Calculus, (Mathematics 32).

4. Plane Analytical Geometry 3 hours

A course coordinating geometry, algebra, and trigonometry, thus preparing the student for the calculus. The course covers the study of coordinates, including the plotting of equations of various forms, the study of the straight line, the conic sections, and the general equation of the second degree.

Prerequisites: Mathematics 1 and 3.

9. Mechanical Drawing 3 hours

This course deals with the fundamentals of drafting procedure including the care and use of drafting instruments, drawing-board geometry, orthographic projection, technical sketching and perspective drawing. Three two-hour periods each week.

10. Descriptive Geometry 3 hours

This course deals with the orthographic representation of points, lines, and planes and their fundamental geometric relations. Geometric problems are solved on the basis of orthographic projection. Three two-hour periods each week.

Prerequisite: Mathematics 9.

21-22. Differential and Integral Calculus 6 hours

The purpose of this course is to develop the principles and methods of the calculus hand in hand with their application to the solution of practical problems in natural science and business. The course embraces constants, variables, functions, derivatives, differentials, integrals, curvature, theorem of mean value, constant of integration, definite integral, formal integration, reduction, formulas, applications to centroids, fluid pressure, work and moments of area.

Prerequisites: Mathematics 1, 3, and 4.

31. Calculus II 3 hours

An extension of Mathematics 21 and 22 leading to a consideration of the following: series, expansion of functions, ordinary differential equations, hyperbolic function, partial differentiation and applications, and multiple integrals.

Prerequisites: Mathematics 21 and 22.

32. Advanced Calculus 3 hours

This course is intended for those students who to some extent have mastered the manipulative skills of the differential and integral calculus. It introduces the student to theoretical questions which may lead him to further study. It includes more rigorous treatment

of series, partial differentiation, implicit function, differential equations, and definite integrals; also an introduction to beta and gamma functions.

Prerequisites: Mathematics 21, 22, and 31.

33. College Geometry 3 hours

The purpose of this course is to introduce the student to a wide and extensive body of synthetic geometry. It concerns the geometry of the triangle and the circle and requires only the known Euclidian concepts. College geometry is recommended to prospective teachers in secondary schools.

34. Differential Equations 3 hours

This course presents differential equations from a practical viewpoint, combining the formal exercises of integrating the various standard types of differential equations with the setting-up of equations from problems of natural science.

Prerequisites: Mathematics 21, 22, and preferably 31.

35. Solid Analytical Geometry 3 hours

This course is devoted to the coordinate geometry of curves and surfaces in three-dimensional space, particularly of the plane, the straight line, and the quadratic surface. It also serves to introduce methods and principles which have an important part in the various fields of advanced mathematics. (Offered in 1955-56.)

Prerequisite: Mathematics 4.

37. Theory of Numbers 3 hours

This course treats the elementary properties of integers, the definition and properties of divisibility, Euclid's Algorithm, Diophantine equations, prime numbers, aliquot parts, congruences, and quadratic residues. (Offered in 1956-57.)

Prerequisite: Mathematics 1.

41. Theory of Equations 3 hours

In this course students are guided through the proofs of the important general theorems in the elementary theory of algebraic equations. The methods of deductive reasoning are used abundantly, imparting to the student a realization of the need of clarity, exactness, and logical discourse. The concepts of ring and field are introduced, and with these as a basis, complex numbers, polynomials and their roots, resultants, discriminants, and symmetric functions are treated.

Prerequisite: Mathematics 21-22.

43. History of Mathematics 2 hours

History of the development of the various fields of mathematics from the earliest times to the present day. Open only to students majoring in mathematics. (Offered in 1956-57.)

44. Determinants and Matrices 3 hours

An introduction to the theory of vector spaces; matrices, their types and properties and the elementary applications of these concepts. (Offered in 1955-56.)

Prerequisite: Mathematics 21-22.

51. Honors Seminar in Mathematics 3 hours**DEPARTMENT OF PHYSICS**

The courses in the Department of Physics are designed: 1. To impart an understanding of basic principles and through classroom discussion and supervised laboratory work to inculcate the habit of precise observation of phenomena. 2. To prepare the student for the teaching of physics in secondary schools.

For a minor sequence in physics twelve semester hours in upper-level courses are required, including Physics 31 and 41 or 42. Physics 21-22 is prerequisite for upper-level courses.

Laboratory fees: Physics 21, 22, 23, and 24, each \$5.00. Physics 31, 45, and 46, each \$7.50.

COURSES IN PHYSICS**21-22. College Physics 8 hours**

A course introducing the student to the fundamental principles of mechanics, heat, sound, light, and electricity. Three lectures and one three-hour laboratory period each week.

Prerequisites: Mathematics 1 and 3.

23-24. Engineering Physics 10 hours

Lectures, recitations, problems and laboratory work dealing with the fundamental laws of mechanics, heat measurements, sound waves, electric and magnetic phenomena, geometric and physical optics and a brief survey of modern physics. Required course for pre-engineering students. Four lectures and one three-hour laboratory period each week through two semesters.

Prerequisites: Mathematics 1 and 3.

31. Electric and Magnetic Circuits 3 hours

Measurements of resistance, electromotive force, potentials, current, self and mutual induction, magnetic fields, Ohm's law, Kirchhoff's law, networks, bridges, ballistic galvanometer. Two lectures and one three-hour laboratory period each week.

Prerequisites: Physics 23-24 and Mathematics 21, 22.

41-42. Modern Physics 6 hours

A two semester course in general physics with emphasis on recent developments, wave motion, electromagnetic radiation, kinetic theory of gases, specific heats and heat of radiation, photoelectric effect, x-rays, Bohr theory of spectra, quantum mechanics, nuclear physics, cosmic rays, and relativity. Three lectures each week.

Prerequisites: Physics 21-22 and Mathematics 21, 22.

44. Statics 3 hours

This course treats the fundamental principles of statics: forces, moments of force, couples, systems of force, addition and subtraction of forces, equilibrium of systems, stresses and strains, moments of inertia. Three lectures each week.

Prerequisites: Physics 23-24 and Mathematics 21, 22.

45. Electronics I 3 hours

A study of basic principles of the vacuum tube: electron theory, thermionic emission, diode, triode, multiple electric tube and its static and dynamic characteristics, and the function of the vacuum tube. Two lectures and one three-hour laboratory period each week.

Prerequisite: Physics 21-22.

46. Electronics II 3 hours

A study of electronic circuits: voltage and power amplifiers, oscillators, modulators, transmitters and receivers, electric measuring instruments, cathode-ray tube, and photoelectric devices. Two lectures and one three-hour laboratory period each week.

Prerequisite: Physics 45.

The first of these is the fact that the
theology of the Bible is not a static
system of dogmas, but a living, growing
tradition which has been shaped by the
experience of the people of God.

The second is the fact that the
Bible is not a book of laws, but a
book of promises. It is a book which
tells us what God has done for his
people, and what he promises to do
for them in the future.

The third is the fact that the
Bible is not a book of abstract
speculation, but a book of concrete
experience. It is a book which tells
us what God has done for his people
in the past, and what he promises to
do for them in the future.

The fourth is the fact that the
Bible is not a book of mere
information, but a book of wisdom.
It is a book which tells us what
God has done for his people, and
what he promises to do for them in
the future.

The fifth is the fact that the
Bible is not a book of mere
information, but a book of wisdom.
It is a book which tells us what
God has done for his people, and
what he promises to do for them in
the future.

The sixth is the fact that the
Bible is not a book of mere
information, but a book of wisdom.
It is a book which tells us what
God has done for his people, and
what he promises to do for them in
the future.

DIVISION OF SOCIAL SCIENCES

The Division of Social Sciences seeks to enlarge the student's social understanding and to deepen his sense of responsibility with the view that he may lead a more useful life as a member of society. He is to become acquainted with the social heritage which the study of the past provides for the interpretation of the present. He is to become acquainted also with the social teaching of the Church and its application to current social issues.

The Division offers a major sequence in each of the following Departments: History, Economics, Accounting, Business Administration, and Marketing. The major is twenty-four hours in upper-level courses as prescribed under the respective Department. In Politics and in Sociology there is offered a minor, consisting of twelve upper-level hours.

Students graduating in 1957 and thereafter with a major within the Division of Social Sciences must show credit in Social Science 40, Catholic Social Principles. May be counted as part of minor in Division of Social Science.

DIVISIONAL COURSES

1-2. The Development of Western Institutions. 6 hours

The origins and growth of the basic social and cultural institutions of Western Civilization. Their pre-literary origins, the ancient Mediterranean world, and medieval society are considered during the first semester; their development in the modern world since the sixteenth century is treated in the second semester.

21. World Geography 3 hours

This course presents to the student the life and occupations of man as related to geographic conditions. The social, political, and industrial development of typical regions is studied in relation to such factors as land utilization, natural highways and boundaries, and distribution of natural resources.

40. Catholic Social Principles 3 hours

Recognizing the importance of basic principles in Catholic teaching, this course aims to set forth a systematized statement of the principles of the State, Family, and of Economic Life.

DEPARTMENT OF ACCOUNTING

The Department of Accounting provides the fundamental courses which are to prepare the student for entrance into the profession of accountancy, including public and private accounting prac-

tice or government service. Upon completion of this program of study, the student becomes eligible for the bachelor's degree in accounting, and he may secure through experience and state examination the status of certified public accountant.

In the field of public accounting there are opportunities in municipal and private auditing, system design and installation, cost and tax work. Federal and state governments provide opportunities for accountants in a wide variety of activities, including income tax and other taxation, farm administration, banking, interstate commerce, and the like. In private accounting practice, thoroughly trained accountants have opportunities for advancement into executive, financial, and auditing or cost positions.

Accounting 1-2 and Economics 21-22 are prerequisite for all upper-level courses.

The requirement for a major sequence in accounting is twenty-four hours in upper-level courses, including Accounting 31, 32, 36, 43-44, and 45-46. The requirement for a minor sequence is twelve hours in upper-level courses.

All students registered for courses in accounting are required to take the series of standardized tests administered by the Department.

COURSES IN ACCOUNTING

1-2. Principles of Accounting 6 hours

A fundamental course in accounting, including the study of the laws of debits and credits; books of original entry; posting; trial balance forms; special journals; control accounts; opening and closing books; partner accounts; bank reconciliation; operating and financial and comparative statements; introduction to corporation accounting.

31. Intermediate Accounting 5 hours

An investigation into the form and content of financial statements, including a study of so-called single entry accounting and of accounting from incomplete data. Supplementary statements such as the statement of sources and application of funds and advanced partnership problems complete the course.

32. Advanced Accounting 3 hours

Special emphasis is placed on the preparation of consolidated balance sheets and profit and loss statements. Consideration is given also to special transactions resulting from consignments and branch accounting.

**Suggested Program of Courses for the B.S. Degree
with Accounting as Major Sequence**

FRESHMAN YEAR

	Semester Hours		
Business 1-2	2	2	Introduction to Business
Economics 21-22	3	3	Principles of Economics
English 3-4	3	3	Rhetoric and Composition
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

Accounting 1-2	3	3	Principles of Accounting
Economics 23-24	3	3	Business Law
Humanities 21-22; 23-24; 20; 25	3	3	English Literature; World Literature; Literary Art; Music Art Forms
Natural Science 2	3		Principles of Biological Science
Philosophy 21	3		General Psychology
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
	<u>16</u>	<u>16</u>	

JUNIOR YEAR

Accounting 31-32	5	3	Intermediate; Advanced Accounting
Accounting 33 or 41	2		Budgeting; Modern Systems
Accounting 36	3		Auditing
Accounting 40 or 42	2		Financial Statement Analysis; Gov- ernment Accounting
Business 31 or 38	3		Industrial Management; Statistics
Business 32 or 36	3		Personnel Management; Corporation Finance
Minor Sequence	3	3	
Philosophy 31	3		Metaphysics
Social Science 40	3		Catholic Social Principles
	<u>16</u>	<u>17</u>	

SENIOR YEAR

Accounting 33 or 41	2		Budgeting; Modern Systems
Accounting 40 or 42	2		Financial Statement Analysis; Gov- ernment Accounting
Accounting 43-44	3	3	Income Tax Accounting
Accounting 45-46	2	2	Cost Accounting
Accounting 48	1		C.P.A. Problems
Accounting 51	3		Honors Seminar
Minor Sequence	3	3	
Philosophy, upper level*	3		
Religion, upper level	3		
	<u>16</u>	<u>14</u>	

33. Budgeting**2 hours**

A study of the procedure of budgeting and of budgetary direction and control applied to the different activities of business. The principles and methods of constructing budgets, estimating income and expenses, controlling expenses, measuring operating efficiency, and enforcing budgets are developed. (Offered in 1956-57.)

36. Auditing**3 hours**

A course designed for those intending to enter the profession of public or private accounting. The responsibilities of auditors and the regulations applying to the profession are studied, with special reference to the rules of professional conduct for members of the American Institute of Accountants. Various types of audits and their purposes are analysed. Certificates are studied and prepared.

40. Financial Statement Analysis**2 hours**

An analysis and interpretation of financial statements; the background of analysis; analysis of small business enterprises; the internal analysis of balance sheets and profit and loss statements; analysis of surplus. (Offered in 1956-57.)

41. Modern Accounting Systems**2 hours**

A study of the application of accounting principles to various types of industry. Analysis of problems involved in designing and installing accounting systems. Attention is given to the preparation of accounting procedures, writing of accounting manuals, and preparation of reports. (Offered in 1955-56.)

42. Governmental Accounting**2 hours**

This course treats of the problems of accounting for governmental units. A study is made of the special administrative problems and legal restrictions placed upon the public unit which necessitates accounting treatment different from that used in private business. (Offered in 1955-56.)

43-44. Income Tax Accounting**6 hours**

This course is designed to familiarize the student with the federal income tax laws by means of lectures and practical problems. It is devoted to an intensive study of the income tax laws as they apply to individuals, partnerships, and corporations.

45-46. Cost Accounting**4 hours**

This course presents an analysis of the importance of cost accounting in the modern business world. Cost terminology and technique are developed through the medium of problems dealing

with job cost systems, process cost systems, and standard cost and uniform cost procedures.

- | | |
|----------------------------------|---------|
| 48. C.P.A. Problems | 1 hour |
| 51. Honors Seminar in Accounting | 3 hours |

DEPARTMENT OF BUSINESS ADMINISTRATION

The courses in business administration have been designed to provide training for positions in business. Their aim is to combine specific preparation with a background in general education, which, with experience, should enable one to assume positions of higher responsibility more rapidly and competently. During the freshman and sophomore years, the course of studies is general in character, conforming closely to the pattern suggested for economics. During the junior and senior years, areas of concentration are provided in general business and marketing.

The requirements for a major sequence in General Business are Accounting 1-2 (Seniors of 1960) and twenty-four hours in upper-level courses, including Business 37, and 39. Related courses highly recommended include Economics 35-36 and History 37 or 38. The requirement for a minor sequence is twelve hours in upper-level courses.

The requirement for a major sequence in Marketing is also twenty-four hours in upper-level courses, including Business 34 and 39. Related courses highly recommended include Business 44, Economics 42 and 48, and History 37 or 38. The requirement for a minor sequence is twelve hours in upper-level courses.

Economics 21-22 is prerequisite for all upper-level courses.

COURSES IN BUSINESS ADMINISTRATION

- | | |
|-------------------------------|---------|
| 1-2. Introduction to Business | 4 hours |
|-------------------------------|---------|

This course provides a general survey of the activities included in organizing and managing a business. Discussion centers on the types of business ownership and organization, location and layout, financial administration, personnel management, purchasing, production, marketing, and the relation of business to government.

- | | |
|---------------------------|---------|
| 6. Mathematics of Finance | 3 hours |
|---------------------------|---------|

The objective of this course is the development of skills needed in obtaining answers to practical problems arising in business with emphasis on finance and life insurance. The subject matter includes interest, depreciation, endowments, and premiums for life insurance.

Prerequisites: Mathematics 1, or proficiency determined by examination.

Suggested Program of Courses for the B.S. Degree
with Business Administration as Major Sequence

FRESHMAN YEAR

	Semester Hours		
Business 1-2	2	2	Introduction to Business
English 3-4	3	3	Rhetoric and Composition
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1		3	Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Electives	3	3	
	17	17	

SOPHOMORE YEAR

Accounting 1-2	3	3	Principles of Accounting
Economics 21-22	3	3	Principles of Economics
Humanities 21-22; 23-24; 20; 25	3	3	English Literature; World Literature; Literary Art; Music Art Forms
Natural Science 2		3	Principles of Biological Science
Philosophy 21	3		General Psychology
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
	16	16	

Major Sequence in General Business

JUNIOR YEAR

Business 31, 32 or 41, 44	3	3	Industrial Management, Personnel Management; Insurance, Retailing
Business 33, 40 or 45, 38	2-3	2-3	Budgeting, Financial Statements; Transportation, Business Statistics
Business 34 or 46		3	Salesmanship; Business Cycles
Business 37 or 39		3	Government and Business; Marketing
Economics 23-24	3	3	Business Law
Philosophy 31	3		Metaphysics
Social Science 40		3	Catholic Social Principles
Electives	3-2	3-2	
	17	17	

SENIOR YEAR

Business 31, 32 or 41, 44	3	3	Industrial Management, Personnel Management; Insurance, Retailing
Business 33, 40 or 45, 38	2-3	2-3	Budgeting, Financial Statements; Transportation, Business Statistics
Business 34 or 46		3	Salesmanship; Business Cycles
Business 37 or 39		3	Government and Business; Marketing
Minor Sequence	3	3	
Philosophy, upper level	3		
Religion, upper level		3	
Electives	3-2	3-2	
	17	17	

Major Sequence in Marketing

JUNIOR YEAR			
Business 31 or 44	3		Industrial Management; Retailing
Business 32 or 48	3		Personnel Management; Advertising
Business 33, 40	2	2	Budgeting; Financial Statements
Business 45 or 36	3		Transportation; Corporation Finance
Business 39 or 34	3		Marketing; Salesmanship
Economics 23-24	3	3	Business Law
Minor Sequence	3	3	
Philosophy 31	3		Metaphysics
Social Science 40	3		Catholic Social Principles
	17	17	

SENIOR YEAR			
Business 31 or 44	3		Industrial Management; Retailing
Business 32 or 48	3		Personnel Management; Advertising
Business 37	3		Government and Business
Business 39 or 34	3		Marketing; Salesmanship
Business 43, 46	6		Credits and Collections; Business Cycles
Minor Sequence	3	3	
Philosophy, upper level	3		
Religion, upper level	3		
	15	15	

31. Industrial Management 3 hours

A detailed study of the organization and management of a manufacturing enterprise. Discussion centers on the physical factors of location, building, equipment, layout of plant; product design, purchasing and inventory control; routing, scheduling, and dispatching of work; personnel relations; sales; and finance. (Offered in 1955-56.)

32. Personnel Management 3 hours

This course deals with the objectives and procedures of personnel management, including the selecting, training and placing of employees as also their transfer and promotion; health and safety and other personnel services; wage and salary policies; industrial relations; records. (Offered in 1955-56.)

33. Budgeting 2 hours

A study of the procedure of budgeting and budgetary direction and control as applied to a business. The principles and methods of constructing budgets, estimating income and expenses, controlling expenses, measuring operating efficiency, and enforcing budgets are developed. (Offered in 1956-57.)

34. Salesmanship**3 hours**

The place of selling in the marketing process; the functions and qualifications of the salesman; buying motives; psychological principles involved in selling; handling the interview and closing the sale; the building of good will.

36. Corporation Finance**3 hours**

The financial problems involved in organizing and managing a business. Also a study of the financial procedures in receivership, bankruptcy, and reorganization. (Offered in 1955-56.)

37. Government and Business**3 hours**

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition.

38. Business Statistics**3 hours**

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business. (Offered in 1955-56.)

Prerequisite: Mathematics 1 or proficiency determined by examination.

39. Marketing**3 hours**

The principles and practices underlying the marketing process for different classes of goods. The marketing functions performed by the manufacturer, wholesaler, retailer, and functional middlemen. Recent trends in the efforts to develop greater marketing efficiency.

40. Financial Statement Analysis**2 hours**

An analysis and interpretation of financial statements; the background of analysis; analysis of small business enterprises; the internal analysis of balance sheets and profit and loss statements; analysis of surplus (Offered in 1956-57.)

41. Insurance and Risk**3 hours**

A study of the chief types of risk and related insurance, with special attention to life, accident, and fire insurance. (Offered in 1956-57.)

43. Credits and Collections**3 hours**

Nature and functions of credit. Principles and practices in retail and mercantile credit administration. Sources and analysis of credit information. (Offered in 1956-57.)

44. Retailing 3 hours

A course in retail merchandising, including location, building, equipment, and store layout; the buying of merchandise and inventory control; setting prices; merchandising policies; personnel; store records. (Offered in 1956-57.)

45. Transportation 3 hours

A course dealing with the economics of transportation: the extent of the market for goods in relation to transportation facilities and costs; the forms or methods of transportation; rate classifications; the regulation of transportation by the government. (Offered in 1955-56.)

46. Business Cycles 3 hours

In this course are discussed the different types of business fluctuations, the theories which have been advanced in explanation of them, and the measures which have been proposed for their control.

48. Advertising 3 hours

In this course are developed the functions of advertising in the sales effort, the media of advertising and the testing of their effectiveness, the economics of advertising, and the regulation of advertising in the interests of the consumer. (Offered in 1955-56.)

51. Honors Seminar in Business Administration 3 hours

DEPARTMENT OF ECONOMICS

The program in Economics has the following objectives: 1. To enable the student to gain a basic understanding of our economic system, to provide a field of concentration for those students who wish to pursue economics as their major study, and to offer those courses which are appropriately a part of the preparation for the study of accounting, government, journalism, and law. 2. To provide the requisite training for the teaching of economics in high schools, for the pursuit of graduate courses in economics, and for entrance into schools of commerce and business administration.

The requirement for a major sequence is twenty-four hours in upper-level courses, including Economics 35-36. Related courses highly recommended include Accounting 1-2, Politics 21 and 22, and History 37 or 38. Students expecting to pursue graduate courses in economics are advised to show twelve hours of credit in foreign language, either French or German. The requirement for a minor sequence is twelve hours in upper-level courses.

Economics 21-22 is prerequisite for all upper-level courses.

Suggested Program of Courses for the A.B. Degree
with Economics as Major Sequence

FRESHMAN YEAR

	Semester Hours		
Business 1-2	2	2	Introduction to Business
English 3-4	3	3	Rhetoric and Composition
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Electives	3	3	
	<u>17</u>	<u>17</u>	

SOPHOMORE YEAR

Accounting 1-2	3	3	Principles of Accounting
Economics 21-22	3	3	Principles of Economics
Humanities 21-22; 23-24; 20; 25	3	3	English Literature; World Literature; Literary Art; Music Art Forms
Natural Science 2	3		Principles of Biological Science
Philosophy 21	3		General Psychology
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
	<u>16</u>	<u>16</u>	

JUNIOR YEAR

Economics 23-24	3	3	Business Law
Economics 45 or 38	3		Transportation; Statistics
Economics 35	3		Money and Banking
Economics 37	3		Government and Business
Economics 41 or Elective	3		Insurance
Minor Sequence	3	3	
Philosophy 31	3		Metaphysics
Electives	2	5	Recommended: Foreign Language; American Government
	<u>17</u>	<u>17</u>	

SENIOR YEAR

Economics 38 or 48	3		Statistics; International Economics
Economics 43-44	3	3	Labor Problems and Legislation
Economics 46	3		Business Cycles
Economics 51	3		Honors Seminar
Minor Sequence	3	3	
Philosophy, upper level	3		
Religion, upper level	3		
Social Science 40	3		Catholic Social Principles
	<u>15</u>	<u>15</u>	

COURSES IN ECONOMICS**21-22. Principles of Economics 6 hours**

A study of the principles and problems connected with the production, exchange, and consumption of wealth, the level and fluctuation of national income and employment, and the level of economic employment. Different types of economic systems are compared and evaluated.

23-24. Business Law 6 hours

This course is designed to acquaint the student with those phases of law most frequently met in business. The selected areas of study include contracts, negotiable instruments, agency, sales, partnerships, corporations, property, and torts.

32. Advanced Economic Analysis and Policy 3 hours

An advanced study of value and distribution theory, national income analysis, and welfare economics with special emphasis on the application of modern tools of analysis to concrete business and public problems. (Offered in 1956-57.)

35. Money and Banking 3 hours

A study of the theory of money, monetary standards, banking principles, and monetary theory with special emphasis on the financial institutions of the United States.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition.

38. Business Statistics 3 hours

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business. (Offered in 1955-56.)

Prerequisite: Mathematics 1 or proficiency determined by examination.

41. Insurance and Risk 3 hours

A study of the chief types of risk and related insurance, with special attention to life, accident, and fire insurance. (Offered in 1956-57.)

43-44. Labor Problems and Labor Legislation 6 hours

A study of the issues involved in labor economics, with emphasis on the role that employers, unions and the government may

play in their solution. The first semester concentrates on the problems of unemployment, wages and hours; the second, on collective bargaining and social security.

45. Transportation 3 hours

A course dealing with the economics of transportation: the extent of the market for goods in relation to transportation facilities and costs; the forms or methods of transportation; rate classifications; the regulation of transportation by the government. (Offered in 1955-56.)

46. Business Cycles 3 hours

In this course are discussed the different types of business fluctuations, the theories which have been advanced in explanation of them, and the measures which have been proposed for their control.

48. International Economics 3 hours

A study of the underlying basis of international trade, balance of payments adjustments, and the methods of international payments, together with an examination of the foreign trade position, the tariff policies, and the commercial agreements of the United States. (Offered in 1957-58.)

51. Honors Seminar in Economics 3 hours

DEPARTMENT OF HISTORY

The Department of History attempts to explain events by their human causes and to discern in them the influence of Providence and the play of man's free will, to develop the ability to judge critically, to lay the foundations for that general culture which requires the knowledge and background necessary for intelligent and useful citizenship.

Concentration in History prepares a student for teaching in secondary schools, for entrance into graduate or law school, and provides a broad cultural basis in a four-year liberal arts program.

A major sequence in History requires Social Science 1-2, History 25-26, and twenty-four semester hours on the upper level, including History 33 and 50. Students who plan to enter graduate school are advised to include in their programs at least twelve hours or the equivalent in a foreign language, preferably French or German.

A minor sequence in History requires twelve hours in upper-level courses.

Suggested Program of Courses for the B.A. Degree
with History as Major Sequence

FRESHMAN YEAR

	Semester Hours		
English 3-4	3	3	Rhetoric and Composition
Humanities 25 or 27		3	Music Art Forms; Art: History
Natural Science 2	3		Principles of Biological Science
Philosophy 12		3	Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Electives	3	3	Recommended: French or German
	15	15	

SOPHOMORE YEAR

History 25-26	3	3	History of the Americas
Humanities 21-22 or 23-24	3	3	English Literature; World Literature
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 21		3	General Psychology
Religion 25-26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
Elective	3		
	16	16	

JUNIOR YEAR

History 33, 50	3	2	Middle Ages; Pro-seminar
History 32		3	Classical Civilization
History 37, and 36 or 38	3	3	American History
History 45-46 or 49, 48	2	2	Constitutional History; Nineteenth Century; Reformation
Minor Sequence	3	3	
Philosophy 31		3	Metaphysics
Religion, upper level		3	
Social Science 40		3	Catholic Social Principles
	17	16	

SENIOR YEAR

History 32		3	Classical Civilization
History 41-42 or 43-44	3	3	History of England; Far East; Russia
History 45-46 or 49, 48	2	2	Constitutional History; Nineteenth Century; Reformation
History 51		3	Honors Seminar
Minor Sequence	3	3	
Philosophy, upper level		3	History of Philosophy
Electives	4-6	2-3	
	15-17	16-17	

COURSES IN HISTORY**25. History of the Americas: Colonial Era 3 hours**

A selective historical study of the peoples and institutions of the Western Hemisphere from the era of discovery to the national revolts after 1776. The colonial systems and institutions of Portugal, Spain, France, and England are considered and compared.

26. History of the Americas: National Era 3 hours

The development of the peoples and institutions of North, Central, and South America in the last two centuries. Emphasis is placed on the United States, Canada, the major nations of Hispanic America, and upon the growth of Pan Americanism.

32. Classical Civilization 3 hours

A study of the two centers of classical civilization, Athens (500 to 400 B.C.) and Rome (100 B.C. to 100 A.D.). Emphasis is placed on Athenian cultural attainments and on Roman political developments. (Offered in 1957-58).

33. History of the Middle Ages 3 hours

The development of Europe from the disintegration of the Roman Empire in the West to the Renaissance. The Church, feudalism, the manorial system, and town life are among the major topics treated. Stress is placed upon the social and economic life in the period.

36. History of the American Frontier 3 hours

The influence of the West on American political, economic, and social life from colonial beginnings to 1890, with special reference to the public lands, internal improvements, sectionalism, and territorial expansion. (Offered in 1957-58).

37. The Rise of American Industry 3 hours

The economic and social development of the American people, 1860 to 1900, with emphasis upon the rise of big business, agrarian unrest, and the Populist movement.

38. United States History since 1900 3 hours

The most recent era in the growth of the American people is studied in its world setting. (Offered in 1956-57).

41. History of England to 1660 3 hours

The constitutional and social growth of the English people from the beginnings to the Restoration. (Offered in 1956-57).

42. History of England since 1660**3 hours**

The constitutional, imperial, and social growth of the English people from the Restoration to the present time. (Offered in 1956-57).

43. History of the Modern Far East**3 hours**

A study of the Orient, with particular emphasis on China and Japan, since the sixteenth century. The roles of European and American imperialism, native nationalism, the commercial and industrial revolutions, and Christianity in the opening and development of the modern Far East are considered. (Offered in 1956-57.)

44. History of Modern Russia**3 hours**

The origins and development of the revolutionary movements and the basic factors in Russian and Soviet foreign policy from the eighteenth century to the present time.

45. Constitutional History of the United States to 1865**2 hours**

A consideration of judicial interpretations affecting the formation of a Federal Union. (Offered in 1957-58.)

46. Constitutional History of the United States since 1865**2 hours**

Attention is drawn to the judicial solutions of problems arising under a more centralized form of government. (Offered in 1957-58.)

48. The Age of the Reformation**2 hours**

The basic and immediate causes and consequences of the religious revolts of the sixteenth century, with an appraisal of their major doctrines and leaders. The significance of the Catholic Reformation. (Offered in 1956-57.)

49. Nineteenth Century Europe: the Church and Liberalism**2 hours**

The relations of the Catholic Church, its leaders, thought, and policies, with European liberalism in the last century. (Offered in 1956-57).

50. Pro-seminar in History**2 hours**

An introduction, by means of directed reading and individual projects, to the methods of historical research, historiography, and the philosophy of history.

51. Honors Seminar in History**3 hours**

DEPARTMENT OF POLITICS

The courses in the Department of Politics are designed to aid the student in taking his place in the State. In particular: 1. To acquaint the student with the place which the State occupies in social organization. 2. To acquaint him with the American form and system of government to the end that he may exercise his citizenship in a more intelligent and responsible manner.

COURSES IN POLITICS

21-22. American Government 6 hours

A study of the Government with detailed attention to the specific functions of the legislative, executive, and judicial branches of the national, state, and local systems.

33. Political Parties and Pressure Groups 3 hours

This course, a study of the democratic process, stresses the activity of the individual in government through political parties and pressure groups.

34. Comparative Governments 3 hours

A study of the principal forms of modern government; elements of strength and weakness as a basis for evaluating our own system.

41. Political Theory before 1500 3 hours

This course analyzes the foundations of Christian social theory developed by St. Thomas Aquinas and St. Robert Bellarmine from Greek and Roman philosophy as qualified by Christian tradition.

42. Political Theory after 1500 3 hours

The origins of Nationalism and the modern secular state. The development of Liberalism, Communism, and Facism and of their influence in world politics.

43. Principles of Foreign Policy 3 hours

An analysis of the instruments and objectives of foreign policy with respect to power politics, balance of power, collective security, and international cooperation.

44. Problems in International Relations 3 hours

A brief summary of the backgrounds necessary for an understanding of present day international problems and a study of current areas of tension in international affairs.

DEPARTMENT OF SOCIOLOGY

The Department of Sociology aims to make the student increasingly aware of his social nature and his social duties in the light of the Christian virtues. More specifically, it aims to introduce him to a systematic study of society, to provide an intensive examination of selected problems, and to set forth the social teaching of the Church as applied in current programs of Catholic Social Action.

COURSES IN SOCIOLOGY**21. Cultural Anthropology 3 hours**

A study of the origin, growth, and variation of social cultures. The course includes the detailed study of several selected primitive societies.

22. Social Conflict 3 hours

The causes and occasions giving rise to conflict in society, with emphasis on the problems which emerge and the methods of dealing with them. The application of the Papal Encyclicals to social problems.

31. Rural-Urban Sociology 3 hours

A comparative study of American social living in both country and city and the tensions and problems peculiar to each. A special study of the National Catholic Rural Life Movement. (Offered in 1955-56.)

32. Home and Family Relations 3 hours

The family as a primary unit of society. The problems of the modern family as affected by the economic, political, and religious environments. Included in the course is a study of the Papal Encyclicals on Marriage and the Family. (Offered in 1955-56.)

34. Criminology and Penal Systems 3 hours

The background and causes of crime and its impact on society. The major emphasis is placed on the development of penal systems for the punishment and prevention of crime. (Offered in 1956-57.)

41. The Social Aspects of Poverty 3 hours

An inquiry into the causes of poverty; private and public relief agencies; the Church and the State in a plan for the relief and prevention of poverty. (Offered in 1956-57.)

42. Sociological Theory**3 hours**

A critical study of selected works of leading social thinkers, including Comte, Spencer, Linton, Parsons, and Sorokin. (Offered in 1955-56.)

43. Social Action and the Catholic Parish**3 hours**

The Catholic parish as a social organization; the need and opportunity for social action at the parish level; the variation in the role of priest and layman in relation to programs of social action which the parish may sponsor. (Offered in 1956-57.)

DIVISION OF EDUCATION

Saint Joseph's College is accredited by the Indiana State Department of Public Instruction for the training of teachers. The programs of study which are outlined in the following pages have been designed to provide the prospective teacher with a good general education as a foundation for his professional training and, at the same time, to meet the requirements for the teacher's certificate.

Students who are interested in a teaching career should acquaint themselves with the requirements for the teacher's certificate in the state in which they expect to be licensed. In general, the regulations prescribe: 1. A four-year curriculum leading to the bachelor's degree. 2. Professional courses approximating eighteen semester hours. 3. Academic credit in two or three teaching fields constituting the equivalent of a major and one or two related minors. 4. A recommendation by the Director of Teacher Training.

Every curriculum for the preparation of high school teachers must conform to the following general pattern:

1. General Education

	Semester Hours
English 3-4	6
Humanities	6
Natural Science 2, 3-4	9
Philosophy 12, 21, 31	9
Physical Education 1-2	-
Religion 1, 25, 26	9
Social Science 1-2; Elective	9
Speech 1-2	2
	<hr/> 50

The credit earned in general education may be used whenever applicable to meet the requirements for any subject matter area. Students who elect biology, general science, or health and physical education as one of their teaching fields will omit Natural Science 2 from the program of general education. Only those students who select a foreign language as a teaching field may substitute the language for the humanities requirement. If foreign language is omitted, Humanities 25, Music Art Forms, must be included in the program of general education.

2. Professional Education**Semester
Hours**

Education 22, Educational Psychology	3
Education 31, Principles of Secondary Education.....	3
Education 32, General Methods	3
Education 39, Counseling and Guidance	2
Education 46.1-46.2, Student Teaching: High School	5
Education 49, Special Methods (Comprehensive Area)	2
	<hr/> 18

3. Two or Three Academic Subject Matter Areas

The subject matter areas in which the student wishes to qualify for the Provisional Certificate in Indiana may be selected according to any one of three plans as follows:

- A. One comprehensive area (40 semester hours) and either one restricted area (24 semester hours) or one conditional area (minimum 18 semester hours).
- B. Two comprehensive areas.
- C. One comprehensive area and not more than two additional areas either or both of which may be restricted or conditional areas.

4. Completion of the Requirements for Graduation

Students enrolled in a teacher training curriculum will be required to meet the general requirements for graduation except as here provided:

- A. Major Sequence. It is recommended that the candidate for a teacher's certificate select a departmental or group major in the area of the teaching field in which he has a primary interest. He may, however, qualify for the bachelor's degree in education by completing a minimum of 24 semester hours of upper-level credit in Elementary or Secondary Education. In addition to the professional courses prescribed for the teacher's certificate, the major sequence in education shall include nine semester hours chosen from Education 33, 34, 35, 37, and 41.
- B. Minor Sequence. Ordinarily the minor sequence will be chosen from the second teaching field. It may be elected in any division or department in which a teaching area (comprehensive, restricted, or conditional) is offered, or in the Division of Education. Credit applied toward the major sequence may not be counted toward a minor even though such credit may apply to both teaching areas.

ACADEMIC SUBJECT MATTER AREAS

Saint Joseph's College offers training which will lead to Indiana certification on the secondary school level in the following Comprehensive and Restricted or Conditional Areas, and to the provisional Science and Mathematics; 6. General Science; 7. Health and Physical general certificate on the elementary school level.

A. SECONDARY SCHOOL CERTIFICATE

I. Comprehensive Areas: 1. Language Arts (English); 2. Languages; 3. Social Studies; 4. Biological Science; 5. Physical Education.

II. Restricted or Conditional Areas: 1. English; 2. Foreign Language; 3. Journalism; 4. History; 5. Social Studies; 6. Biology; 7. Physics; 8. Chemistry; 9. General Science; 10. Mathematics; 11. General Business; 12. Retail Selling; 13. Health and Safety Education; 14. Physical Education; 15. Recreation; 16. Instrumental Music.

A provisional secondary certificate is valid for five years and will permit the teaching of the subject or subjects in which the certificate is issued in grades seven through twelve in any secondary school.

Provisional certificates to include restricted areas may be issued in any subject upon a minimum of twenty-four semester hours. The Restricted Area of the certificate may be converted to a Comprehensive Area upon the completion of a total of forty semester hours of credit earned in the respective area within a ten-year period.

Limited certificates to include Conditional Areas may be issued in all subjects except English upon a minimum of 18 semester hours. The Conditional Area of the certificate is valid for one year and may be renewed with a minimum of three semester hours of additional work each year until the total credit in that subject field has reached twenty-four semester hours.

B. GENERAL ELEMENTARY TEACHERS' CERTIFICATE

The course of studies leading to the B.S. in Ed. degree has been constructed to meet all the requirements for the elementary certificate. Such a certificate is valid for five years and for teaching all subjects in grades one to eight inclusive. It is also valid in grade nine of a junior high school in a special area in which the teacher has eighteen semester hours of college credit, or in any restricted area as required for secondary certificates.

Students who are interested in a teaching career in elementary education should select this program at first registration, with the understanding that no final commitment is necessary until the end of the sophomore year.

CURRICULUM FOR THE PREPARATION OF INDIANA
ELEMENTARY TEACHERS*

Approved Course of Studies Leading to the B.S. in Ed. Degree

FRESHMAN YEAR

	Semester		
	Hours		
English 3-4	3	3	Rhetoric and Composition
Humanities 25	3		Music Art Forms
Mathematics 1	3		College Algebra
Natural Science 2	3		Principles of Biological Science
Philosophy 12	3		Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
Speech 1-2	1	1	Fundamentals of Speech
Elective	3		
	16	16	

SOPHOMORE YEAR

Biology 15	3		Personal and Community Health
Education 22	3		Introduction; Educ. Psychology
Humanities 23-24	3	3	World Literature
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 21	3		General Psychology
Physical Education 16	2		First Aid and Safety Education
Religion 25, 26	3	3	Dogma; Sacraments
Social Science 21	3		World Geography
Elective	2		
	17	17	

JUNIOR YEAR

Education 34, 38	3	3	Philosophy; Elementary Curriculum
Education 37, 48.0	3	2	Tests and Measurements; Art Skills
Education 40	2		Children's Literature
History 35, 36 or 37, 38	3	3	United States History
Humanities 27	3		Art: History and Appreciation
Philosophy 31	3		Metaphysics
Physical Education 41	2		Activities for Elementary Grades
Religion, upper level	3		Christian Marriage
Sociology 32	3		Home and Family Relations
	17	16	

SENIOR YEAR

Education 45.1, 45.2	1	1	Professional Laboratory
Education 45.3, 45.4	3	3	Student Teaching; Elementary
Education 47	3		Industrial Arts and Crafts
Education 48.1, 48.2	2	2	Language Arts I and II
Education 48.3, 48.4	2	3	Natural Science; Arithmetic
Education 48.5, 48.6	3	2	Social Studies; Music
Philosophy, upper level	3		
	14	14	

* Most states have reciprocal agreements; hence, a student who qualifies for Indiana can qualify for most other states. Students intending to qualify for other states should consult the Dean or the Director of Guidance.

** Students completing the Elementary Curriculum will follow a special class schedule coordinating professional courses with off-campus student teaching during the senior year.

TABLE OF MINIMUM COURSE REQUIREMENTS
IN COMPREHENSIVE AREAS FOR INDIANA*

1. Language Arts (English)

	Hrs.
English 3-4	6
English 32, 36 and Electives	15
Humanities 23-24	6
Journalism 1	3
Speech 1-2, 31-32, 33, 38	10
	<hr/>
	40

2. Foreign Language
(With English)

Credit of 42 hours in any two of the following; a minimum of 18 hours in either language.

English	
English 3-4,, 32, 36	12
Humanities 23-24	6
Speech 1-2, 31-32	6
	<hr/>
	24

French	
From French 1-2, 21-22, 31, 32	
41-42	18

German	
From German 1-2, 21-22, 35-36,	
41-42	18

Latin	
From Latin 1-2, 3-4, 5, 6, 7-8,	
21, 22	18

Spanish	
From Spanish 1-2, 21-22, 26, 31-32	
41-42	18

3. Social Studies

Economics 21-22	6
History 25-26 and 31	9
History, from 36 to 42	12
Politics 21-22	6
Social Science 1-2, 21	9
Sociology, Elective	3
	<hr/>
	45

4. Biological Science

	Hrs.
Biology 1, 2, 12, 15, 31-32	21
Biology 41 and Electives	12
Natural Science 3-4	6
Physical Education 16	2
	<hr/>
	41

5. Physical Science and
Mathematics

One of the following alternative combinations may be selected:

A. Chemistry 18 hrs., Physics 20 hrs., and Prin. Biol. Science 41

B. Chemistry 20 hrs., Mathematics 18 hrs., and Prin. Biological Science

C. Mathematics 18 hrs., Physics 20 hrs., and Prin. Biol. Science 41

6. General Science

Biology 1, 2, 12	12
Chemistry 1, 2	8
Geology 1	4
Mathematics 1, 3	6
Physics 21-22	8
Science, Elective	4
	<hr/>
	42

7. Health and Physical
Education

Health Education	
Biology 3, 12, 15	11
Physical Education 16, 45	5

Physical Education	
Physical Education 31, 44, 46	8
Physical Education 33, 35, 41	7
Physical Education 43, 48	6

Public Recreation	
Physical Education 30, 36	5
	<hr/>
	42

* Most states have reciprocal agreements; hence, a student who qualifies for Indiana can qualify for most other states. Students intending to qualify for other states should consult the Dean or the Director of Guidance.

**TABLE OF MINIMUM COURSE REQUIREMENTS
IN RESTRICTED AREAS FOR INDIANA***

1. English

	Hrs.
English 3-4, 32, 36	12
Humanities 23-24	6
Speech 1-2 and 31-32	6
	<hr/> 24

2. Foreign Language

Any one of the Following: German,
French, Latin, Spanish 24

(On the basis of demonstrated proficiency, a student may be excused from the six semester hours of the beginner's course.)

3. Journalism

From Journalism 1 to 46 18

4. History

History 36, 37, 38	9
History 25, 26 and Elective	12
Social Science 21, Geography	3
	<hr/> 24

5. Social Studies

Business 1-2	4
Economics 21-22	6
Politics 21-22	6
Social Science 1-2	6
Sociology, Elective	3
	<hr/> 25

6. Biology

Biology 1, 2, 12, 15, 31-32, 41 25

7. Physics

Physics 21-22 and Electives 24

8. Chemistry

Chemistry 1, 2, 31-32, 37	17
Chemistry, Electives	7
	<hr/> 24

9. General Science

	Hrs.
Biology 1, 2, 12	12
Chemistry 1, 2 or Physics 21-22	8
Geology 1	4
	<hr/> 24

10. Mathematics

From Mathematics 1 to 34 24

11. General Business

Business 1-2 and Electives	10
Economics 21-22, 23-24, 42	15
	<hr/> 25

12. Retail Selling

Business 1-2, 39, 42, 43, 45	16
Economics 21-22, 23-24	12
	<hr/> 28

13. Health and Safety

Biology 3, 12, 15, 38	14
Physical Education 16, 45	5
	<hr/> 19

14. Physical Education

Biology 3, 12, 15	11
Physical Education 31, 33, 34, 37, 44, 48	14
	<hr/> 25

15. Recreation

Biology 3, 12, 15	11
Physical Education 30, 31, 33, 34, 37, 48	15
	<hr/> 26

16. Instrumental Music

Musical Theory 1, 2, 23-24, 33, 35-36	14
Applied Music: String, woodwind, brass and percussion instruments	10
Ensemble: Band or Orchestra, six semesters	-
	<hr/> 24

* Most states have reciprocal agreements; hence, a student who qualifies for Indiana can qualify for most other states. Students intending to qualify for other states should consult the Dean or the Director of Guidance.

COURSES IN EDUCATION**22. Educational Psychology 3 hours**

The course in educational psychology aims to give the student an understanding of the characteristics of human behavior and the factors which affect its development. Emphasis is placed on those basic facts and principles that are generally accepted by today's educators and that can be integrated into the student's own experience and made to function in his educational career.

31. Principles of Secondary Education 3 hours

A presentation of the aims and functions of high school education; special problems of guidance proper to this stage in a student's development; the general program of studies and the contribution of individual subjects to the needs of secondary pupils. Catholic principles of education are stressed throughout the course.

32. General Methods 3 hours

This course deals with general principles of effective teaching in secondary schools. Topics for discussion include: selection and arrangement of subject matter; motivation and direction of learning activities; discipline; questioning, assignment and review procedure; problem-project teaching and socialized recitation; development of appreciation, attitudes and ideals.

33. History of Education 3 hours

An exposition of the development of school systems and educational practices. The reading assignments will include historical materials to illustrate the rise of new movements in education and biographical sketches of outstanding educational leaders.

34. Philosophy of Education 3 hours

A study of the philosophical principles underlying education as a social institution. The course aims to provide the student with a norm for estimating the relative values of educational theories and agencies which influence the work of the schools. (Offered in 1955-56.)

35. Statistical Methods 3 hours

An elementary course in statistical analysis. Problems are taken from education and psychology and include the computation and interpretation of averages, measures of variability, coefficients of correlation and measures of reliability. (Offered in 1956-57.)

37. Educational Tests and Measurements 3 hours

Principles of test construction, types and characteristics of group tests, application of such tests to school problems and evaluation of results. Practice in taking and giving such tests in actual school situations. (Offered in 1955-56.)

38. Elementary Curriculum 3 hours

A general introduction to the principles and trends in the various areas of the curriculum in the light of modern concepts of child development.

39. Counseling and Guidance 2 hours

Principles and techniques of personal counseling and of educational and vocational guidance of high school students. Attention is given to the use of appropriate tests, rating scales, interview techniques, organization of the guidance program, placement and follow-up services in the high school.

40. Children's Literature 2 hours

An overview of the field of children's literature and an intensive study of types at various levels. The place of poetry, folk tales, story telling and dramatics in elementary education.

41. High School Administration 3 hours

The duties of the high school principal and his immediate assistants; methods of administration and supervision of instruction; problems growing out of extra-curricular contacts and activities.

44. Audio-Visual Education 2 hours

This course covers the procuring, using, and evaluating the various teaching aids which are available for audio and visual instruction. (Offered in 1956-57.)

45.1-45.2 Professional Laboratory Experiences 2 hours

Laboratory and seminar course involving guided observation and participation in the activities of the elementary school.

45.3-45.4 Student Teaching: Elementary School 6 hours

Students registered as student teachers will be present five days a week in the classroom to which they are assigned. Under the direction of the supervising teacher the student has full charge of the class when he teaches and is held responsible for the full control and management as well as the instruction.

46.1-46.2 Student Teaching: High School 5 hours

This course is required of all students working for a high school teacher's license. Students are required to observe classes in the local schools for thirty to thirty-five periods, and to record the results of their observations. Each student is also required to plan and teach from sixty to sixty-five periods under the supervision of an approved critic teacher. Individual conferences and group meetings are held weekly with the Director of Teacher Training.

Prerequisite: Senior standing.

47. Industrial Arts and Crafts 3 hours

The purposes of this course are to help the students gain insights into the materials, processes, and products of industry, and to gain ability to organize this knowledge and the materials for the teaching of arts and crafts at the elementary and secondary school levels.

48.0 Basic Art Skills and Methods 2 hours

Drawing, pattern, composition, essentials of lettering and posters, combined with techniques of presentation for elementary teachers.

48.1 Language Arts I 2 hours

This course covers the program of reading at the elementary level. The following problems are emphasized: reading-readiness, phonics, methods of meeting individual differences, diagnosis in reading, and remedial measures.

48.2 Language Arts II 2 hours

This course stresses the expressional phase of elementary school language, including oral and written expression, grammar, spelling, and handwriting. Instructional methods, standards of achievement, and correction of pupil difficulties are included in the course.

48.3 Methods in Natural Science 2 hours

A survey of materials and methods to be used in developing science units for the elementary grades.

48.4 Methods in Arithmetic 3 hours

A study of the techniques and methods of teaching arithmetic in the elementary school. Distribution of content according to grade levels; diagnosis of number difficulties; remedial instruction; testing.

48.5 Methods in Social Studies 3 hours

Function of the social studies in the elementary school; appraisal of teaching procedures in this field; formulation of definite principles to use in the selection of suitable materials; testing the results of instruction in the social studies.

48.6 Methods in Music 2 hours

Modern methods of presenting music to children in the elementary school. Discussion of such topics as rhythmic activity, singing, appreciation, and means of helping the less musically gifted child.

49. Special Methods: High School 2 hours

Professional academic courses are organized in each of the teaching fields described by the Comprehensive Areas. These courses deal with the particular aims, materials, and methods of the respective subjects as presented in the modern high school. Credit in Special Methods courses applies to the requirement in professional education, but may not be counted toward a major or a minor in the academic department to which the subject is related.

SPECIAL METHODS COURSES**49.LA. The Teaching of Language Arts in High School**

For prospective teachers of English, speech, and journalism.

49.FL. The Teaching of Foreign Language in High School

For prospective teachers of German, French, Latin, and Spanish. Materials are adapted to individual needs.

49.SS. The Teaching of Social Studies in High School

For prospective teachers of history, geography, economics, political science, and general business.

49.Sc. The Teaching of Mathematics and Natural Science

For prospective teachers of mathematics, general science, biology, chemistry, and physics.

49.PE. The Teaching of Health and Physical Education

For prospective teachers of health, and high school athletics.

49.Mu. The Teaching of Music in High School

For prospective teachers of music.

51. Honors Seminar in Education 3 hours

DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education has the following objectives: to promote physical well-being through a program of physical training; to inculcate proper attitudes and habits of health and sportsmanship; to prepare qualified coaches and teachers of health and physical education.

Students who plan to qualify for the teacher's certificate in health and physical education will be guided by the regulations outlined on pages 114-123.

COURSES IN PHYSICAL EDUCATION

1-2. Physical Education No Credit

This course aims to improve the health and to build up the body through supervised physical activity. In addition to callisthenics, students are taught the fundamentals and rules of various sports with a view to active participation in the intramural athletic program. Two periods each week are required of all freshmen unless excused by order of the college physician.

16. First Aid and Safety Education 2 hours

A consideration of the essential elements in the theory and practice of safety in the school, in the home, in occupational activities. Instruction and discussion of the uses of massage and taping in athletics. Instruction in the administration of first aid.

30. Public Recreation and Camp Activities 3 hours

• Theory and practice of playground supervision and camp leadership. Techniques proper to arts and crafts, aquatics, outdoor recreational activities, nature study, and special programs are included. Observation of camp facilities and recreational programs.

31. History and Principles of Physical Education 3 hours

A basic course presenting a critical evaluation of social, economic, and political forces associated with the development of physical education throughout its history, and secondly, introducing the student to the fundamental facts and principles associated with Motivation, Program, Instruction, Supervision, Administration, and Evaluation in the field of physical education.

32. Coaching of Baseball and Track 2 hours

Theory and practice in batting, fielding, base running, and pitching. Principles of coaching and officiating in baseball, track, and field events. Two lectures and one laboratory period per week. (Offered in 1955-56.)

**Suggested Program of Courses for the B.S. Degree
with Physical Education as Major Sequence**

FRESHMAN YEAR

	Semester Hours		
Biology 3, 12	4	4	Introductory Biology; Anatomy
Biology 15	3		Personal and Community Health
English 3-4	3	3	Rhetoric and Composition
Philosophy 12		3	Logic
Physical Education 1-2	-	-	Physical Education (Required Course)
Physical Education 16		3	
Religion 1	3		Christian Morality
Social Science 1-2	3	3	Development of Western Institutions
	<u>16</u>	<u>16</u>	

SOPHOMORE YEAR

Education 22	3		Educ. Psychology
Humanities 25, 20	3	3	Music Art Forms; Literary Art
Natural Science 3-4	3	3	Principles of Physical Science
Philosophy 21	3		General Psychology
Physical Education 16		2	First Aid and Safety Education
Religion 25, 26	3	3	Dogma; Sacraments
Speech 1-2	1	1	Fundamentals of Speech
Electives	4	2	
	<u>17</u>	<u>17</u>	

JUNIOR YEAR

Education 31, 32	3	3	Principles; General Methods
Education 39, 49 PE	2	2	Counseling; Special Methods
Physical Education 31, 30	3	3	History and Principles; Public Rec- reation and Camp Activities
Physical Education 33, 34	2	2	Gymnastics; Intramural Sports
Physical Education 35	3		Measurements in Physical Education
Philosophy 31		3	Metaphysics
Second Teaching Area	3	3	
	<u>16</u>	<u>16</u>	

SENIOR YEAR

Education 46.1, 46.2	2	3	Student Teaching: High School
Physical Education 41, 36	2	2	Minor Sports; Activities for Elemen- tary Grades
Physical Education 43, 44	3	2	Coaching Football; H.S. Athletics
Physical Education 45, 46	3	2	Adm. Health and Physical Education
Physical Education 48		3	Coaching Basketball
Philosophy, upper level	3		
Religion, upper level		3	
Second Teaching Area	3	3	
	<u>16</u>	<u>18</u>	

33. Gymnastics and Rhythmic Exercises 2 hours

Elements of individual and natural gymnastics; corrective exercises, callisthenics, class drill, tumbling and apparatus; fundamentals of rhythm as applied to games, plays, and songs. Two lectures and one laboratory period per week.

35. Measurements in Health and Physical Education 3 hours

A course in elementary measurements as applied to health habits, physical growth, and athletic ability and achievement. The aim of the course is to provide the prospective teacher with the means of estimating physical fitness and evaluating changes in knowledge, skills, and attitudes as a result of instruction.

36. Techniques of Minor Sports 2 hours

Instruction and practice in such sports as handball, volleyball, softball, tennis, badminton, ping pong, and bowling. Attention is given to selection and care of equipment. (Offered in 1955-56.)

41. Activities for Elementary Grades 2 hours

An analysis of dramatic play, games, rhythms, self-testing activities, playground procedures, and safety measures used in a modern program in the area. Principles of selection and evaluation of activities and teaching methods are developed.

43. Coaching of Football 3 hours

Theory and practice of the fundamentals of football. A study of the history, rules, strategy, styles of attack and defense, organization of practice, individual and team conditioning, officiating and other coaching problems involved in this sport. Three lectures and one laboratory period per week. (Offered in 1955-56.)

44. Administration of High School Athletics 2 hours

A detailed study of the rules of the National Federation of State High School Associations as well as a thorough study of State Athletic Associations with emphasis upon eligibility rules and decisions in the State of Indiana. Included in the course are such topics as the purchase and care of athletic equipment, standards for athletic facilities, finances and budgets as related to high school athletic program. (Offered in 1956-57.)

Prerequisite: Physical Education 31.

45. Organization and Administration of Health Education 3 hours

The principles, materials and problems of health education. Relation of the school health program to other health agencies.

Instruction in the proper use of federal, state, and commercial publications and aids to health education. Examinations, reports, and remedial measures. State health regulations.

**46. The Organization and Administration of Physical Education
and Intramural Sports 3 hours**

Consideration is given to the grouping of students, records of participation and progress, management of gymnasium and playground, finance and public relations. A study of the units of competition, time schedules, methods of organizing participation, scoring plans, rules and regulations for individuals and groups.

48. Coaching of Basketball 3 hours

Theory and practice of the fundamentals of basketball. A study of the history, rules, strategy, styles of play, organization of practice, individual and team conditioning, officiating and other coaching problems connected with this sport. Three lectures and one laboratory period per week. (Offered in 1956-57.)

51. Honors Seminar in Physical Education 3 hours

REGISTER OF STUDENTS 1955-1956

ABBOTT, Walter F.	Dearborn, Michigan
ADAMS, Arthur E., Jr.	Battle Creek, Michigan
ADAMS, James R.	Chicago, Illinois
ADDISON, Theodore J.	Jackson, Michigan
ALESIA, Henry A.	Chicago, Illinois
ALIG, George T.	Reelsville, Indiana
ALLAGREE, Harry R.	Dayton, Ohio
ALLEN, Thomas E.	Ann Arbor, Michigan
ALLWEIN, Donald E.	Lebanon, Pennsylvania
ALTER, Thomas O.	Fort Wayne, Indiana
ALTSTADT, Gerald J.	Evansville, Indiana
AMOND, Edward F.	Culver, Indiana
ANDORFER, Byron W.	Fort Wayne, Indiana
ARCHER, James W.	Twin Branch, West Virginia
ARCHIBALD, George P.	Joliet, Illinois
ARDINI, Peter L.	Ionia, Michigan
ARMON, Joseph E., Jr.	Chicago, Illinois
AUER, Robert L.	Oak Park, Illinois
BADOS, Ronald S.	Hammond, Indiana
BAGINSKI, Richard J.	Chicago, Illinois
BAILEY, Roy L.	Griffith, Indiana
BAK, Henry B.	Chicago, Illinois
BAK, Joseph M., Jr.	Chicago, Illinois
BAKER, Robert F.	Chicago, Illinois
BALAS, Bernard A.	Gary, Indiana
BALICE, Vincent J.	Lakewood, Ohio
BANARY, Raymond J.	North Judson, Indiana
BARNETT, Richard J.	Peru, Indiana
BARRETT, Gregory A.	Chicago, Illinois
BARSOTTI, Aldo F.	Chicago, Illinois
BARSOTTI, Frank A.	Chicago, Illinois
BASSETTI, Louis C.	Chicago, Illinois
BATEMAN, Michael G.	Danville, Illinois
BATES, Kenneth M.	Chicago, Illinois
BATIE, Clarence M.	Indianapolis, Indiana
BAUER, David C.	Huntington, W. Virginia
BAUER, Frederick J.	Monterey, Indiana
BAUMANN, Lawrence L.	Peoria, Illinois
BAUMGART, Donald J.	Gary, Indiana
BAYER, Carl H.	Toledo, Ohio
BEAUVAIS, Edward R.	Pueblo, Colorado
BECKER, William R.	Fort Wayne, Indiana
BEEMAN, William F.	Hubbard, Ohio
BEHNKE, Richard C.	Battle Creek, Michigan
BELAND, Bernard R.	Benton Harbor, Michigan
BELANGER, John L.	Detroit, Michigan
BENA, Martin J.	Waukegan, Illinois
BENSON, James W.	Wilmington, Illinois
BENTSON, John R.	Joliet, Illinois
BERGIN, Terence E.	Chicago, Illinois
BERLIER, John C., Jr.	Indianapolis, Indiana
BERTA, Robert J.	South Bend, Indiana
BERUBE, Conrad A.	Mt. Clemens, Michigan
BIAN, John W.	Elmhurst, Illinois

BIANUCCI, Alfred P.	Cicero, Illinois
BIEL, John M.	Whiting, Indiana
BIEL, Joseph G.	Whiting, Indiana
BIEL, Thomas J.	Whiting, Indiana
BIENIASZ, Theophilus F.	Chicago, Illinois
BIERNAT, Terry J.	Chicago, Illinois
BLACHOWSKI, John E.	Chicago, Illinois
BLACKLIDGE, Martin H.	Rensselaer, Indiana
BLEAKLEY, William	W. Lafayette, Indiana
BLLENKE, Frank J.	Denham, Indiana
BOCKRATH, Melvin L.	Ottawa, Ohio
BODNEY, Richard J.	Whiting, Indiana
BOHANEK, Robert W.	Chicago, Illinois
BOLINGER, Robert J.	Kokomo, Indiana
BORGRA, Joseph A.	Joliet, Illinois
BORNHOFEN, Frederick A.	Des Plaines, Illinois
BORTOLAMI, Victor A.	Chicago, Illinois
BOSCH, Henry W.	Linton, North Dakota
BOWMAN, Richard S.	Remington, Indiana
BOYLSO, Larry J.	Tuscola, Illinois
BRADY, Lawrence C.	Downers Grove, Illinois
BRAYER, Michael N., Jr.	Fort Wayne, Indiana
BRECHT, Anthony J.	Newark, Ohio
BRESNAHAN, Robert K.	Pekin, Illinois
BRINKMAN, William N.	Dayton, Ohio
BROPHY, James J.	Flint, Michigan
BROWN, Charles E.	Rensselaer, Indiana
BROWN, George H.	East Chicago, Indiana
BROWN, Roland H.	Chicago, Illinois
BROWNING, Stanley, R.	Dayton, Ohio
BRUNGARDT, Joseph B.	Salina, Kansas
BRUNGARDT, Michael J.	Salina, Kansas
BRYSON, Joseph P.	Manchester, New Hampshire
BUCKLER, Edward F., Jr.	Louisville, Kentucky
BUCKLEY, Donald J.	Pekin, Illinois
BUCKLEY, John W.	Evansville, Indiana
BUDNIK, Nicholas G.	South Bend, Indiana
BURIAN, Robert J.	Chicago, Illinois
BURKHARDT, Paul G.	New Baltimore, Michigan
BURKHARDT, William H.	New Baltimore, Michigan
BUSCH, Thomas W.	Lakewood, Ohio
BUTLER, Patrick L.	Forest Park, Illinois
BUTLER, Robert J.	Chicago, Illinois
BUZIAK, Chester J.	South Bend, Indiana
BYRNE, Gerald E.	Chicago, Illinois
BYRNES, Edward J.	Chicago, Illinois
BYRNES, John M.	Midlothian, Illinois
CABALA, Henry P.	Calumet City, Illinois
CABALLERO, Emil	Puerto Rico
CANNON, Frank T.	Chicago, Illinois
CANNON, John M.	Chicago, Illinois
CAPORAL, Robert E.	Dayton, Ohio
CAPPUCCILLI, Ralph M.	Collegeville, Indiana
CARBOY, Joseph W.	Philadelphia, Pennsylvania
CAREY, David R.	Joliet, Illinois
CARLSON, Donald A.	Glen Ellyn, Illinois

CARLSON, John Louis	Chicago, Illinois
CARRABINE, John J., Jr.	Gary, Indiana
CARROLL, Raymond P.	Chicago, Illinois
CARTER, John G.	Staten Island, New York
CASSIN, David E.	Oak Park, Illinois
CASTRO, Gerald A.	Park Ridge, Illinois
CAVANAUGH, Thomas M.	Lansing, Michigan
CEBULSKI, Donald E.	Chicago, Illinois
CERNEY, Raymond S.	Fort Wayne, Indiana
CHAMPLIN, David W.	Rensselaer, Indiana
CHANDIK, Theodore A.	Whiting, Indiana
CHEEK, John W.	Danville, Illinois
CHRISTEN, John C.	Villa Park, Illinois
CHRISTEN, Robert E.	Fort Wayne, Indiana
CHRUSTOWSKI, Joseph J.	Whiting, Indiana
CIANCIOLA, Philip S.	Chicago, Illinois
CIECHANOWSKI, Thomas J.	Chicago, Illinois
CLARK, Alfred H.	Dorchester, Massachusetts
CLARK, Robert F.	Wilmette, Illinois
CLEARY, Robert J.	Youngstown, Ohio
CLEINMARK, Robert W.	Normal, Illinois
CLIFFORD, John F.	Chicago, Illinois
CLOSE, Thomas J.	Adrian, Michigan
CLUNE, Joseph A.	Gary, Indiana
COCHRAN, John R.	Gary, Indiana
COLE, Ronald L.	Elwood, Indiana
COLLINS, Martin J.	Chicago, Illinois
COLLISON, David M.	Canton, Ohio
COMPANIK, Robert J.	Whiting, Indiana
COMPLO, Richard J.	Monroe, Michigan
CONLEY, Robert M.	Whiting, Indiana
CONNELL, Richard J.	Tremont, Illinois
CONROY, John E.	Chicago, Illinois
CONROY, Peter J.	Chicago, Illinois
COOMBES, John L.	Willow Springs, Illinois
COOPER, Dean C.	Kankakee, Illinois
CORDES, Albert K., Jr.	Earl Park, Indiana
COTE, Richard A.	Manchester, New Hampshire
COVER, George T.	Rensselaer, Indiana
COVER, (Mrs.) Viola C.	Rensselaer, Indiana
COX, Edward A., Jr.	River Forest, Illinois
CRACKEL, John E.	Owosso, Michigan
CRANGLE, Charles T.	Akron, Ohio
CRIST, Louis E.	Tiffin, Ohio
CROAK, Richard A.	Woodstock, Illinois
CROIX, William J., Jr.	Chicago, Illinois
CROSSE, Michael R.	Chicago, Illinois
CULLEN, Thomas J.	Chicago, Illinois
CUNNINGHAM, (Rev.) Mark A.	Lafayette, Indiana
CUMMINGS, Edward C.	Hamilton, Ont., Canada
CURRY, Donald R.	Chicago, Illinois
CZAJKA, Donald E.	Chicago, Illinois
DAIBER, Alfred J.	Doylestown, Ohio
DAIGLE, Norbert W.	Somersworth, New Hampshire
DATTOMO, Angelo R.	Cincinnati, Ohio
DAVOUST, Clark E.	Chicago, Illinois

DAWSON, Francis	Akron, Ohio
DAY, Roy J.	Chicago, Illinois
DEAHL, James E.	Fort Wayne, Indiana
DE BOLT, Thomas E.	Decatur, Indiana
DE CLERCQ, Thomas E.	Royal Oak, Michigan
DEEGAN, James M.	Lakewood, Ohio
DEEM, Thomas H.	Vincennes, Indiana
DEINES, John T.	Junction City, Kansas
DE LAURENTIS, John V.	Chicago Heights, Illinois
DELGADILLO, Reginaldo	Corinto, Nicaragua
DETERS, Richard A.	Teutopolis, Illinois
DE MINT, Thomas W.	Falls Church, Virginia
DE THOMAS, Arthur R.	East Chicago, Illinois
DETLOFF, James E.	Chicago, Illinois
DEUTSCHMAN, Donald C.	Crown Point, Indiana
DEVLIN, Robert J.	Chicago, Illinois
DE WALD, Edwin K.	Fort Wayne, Indiana
DEWES, Joseph A.	Lowell, Indiana
DHOOGHE, Jacque R.	Berwyn, Illinois
DIETZ, William T.	Indianapolis, Indiana
DIETZEN, Richard C.	Danville, Illinois
DISBROW, Donald R.	Battle Creek, Michigan
DODANE, Lawrence J.	Fort Wayne, Indiana
DOHERTY, Thomas J.	Chicago, Illinois
DOHR, Ronald I.	Chicago, Illinois
DOLAK, Joseph M.	Whiting, Indiana
DOLAN, Stephen K.	Linton, North Dakota
DONAHUE, Thomas C.	Chicago, Illinois
DOMINIK, Carl P.	Chicago, Illinois
DONEGAN, Philip R.	Chicago, Illinois
DONG, Howard S. K.	Chicago, Illinois
DONNELLY, Brian J.	Youngstown, Ohio
DONNELLY, Charles E.	Chicago, Illinois
DOORLEY, Mark J.	New Bremen, Ohio
DOWD, Raymond E.	Chicago, Illinois
DOWNES, Thomas J.	Chicago, Illinois
DOWNEY, Timothy R.	Hammond, Indiana
DOYLE, George T.	Cleveland, Ohio
DREA, Arthur S.	Chicago, Illinois
DREILING, (Rev.) Boniface R.	Collegeville, Indiana
DUBS, Robert L.	Canton, Ohio
DULIN, Joe	Evansville, Indiana
DUNCAN, Robert L.	Salina, Kansas
DUPROW, Frederick J.	Bay Village, Ohio
DUSSEAU, Kenneth E.	Lansing, Michigan
DWIEL, Donald L.	Des Plaines, Illinois
DWINELL, Richard C.	Chicago, Illinois
DYREK, Leroy S.	Chicago, Illinois
EBERHARDT, Ronald E.	Massillon, Ohio
EDWARDS, Raymond S., Jr.	Chicago, Illinois
EFFING, Merle V.	Evansville, Indiana
EHRHART, William C.	Chicago, Illinois
EIFRID, Eugene E.	Fort Wayne, Indiana
ELBERT, James S.	Goodland, Indiana
ELENTENY, Raymond B.	Chicago, Illinois
ELLGASS, LeRoy M.	Chicago, Illinois

ELO, Richard J.	Whiting, Indiana
EMERICK, Raymond J.	Chicago, Illinois
ENDRES, James J.	Anchorville, Michigan
ERICKSON, Arthur J.	Chicago Heights, Illinois
ESPINOS, Ignatius B.	Chicago, Illinois
ESPOSITO, George R.	Akron, Ohio
EVANS, John R.	Chicago, Illinois
EVARD, Patrick M.	Indianapolis, Indiana
EVERROAD, William H.	Columbus, Indiana
FALOONA, Ronald J.	Chicago, Illinois
FAVORITE, Ronald C.	Chicago, Illinois
FAYLOR, Mark T.	Fort Wayne, Indiana
FEDDER, Kenneth J.	Michigan City, Indiana
FEDERICI, Geno P.	Orland Park, Illinois
FENKER, Daniel E.	Fort Wayne, Indiana
FESTLE, Richard R.	Chicago, Illinois
FETTIG, Paul F.	Dayton, Ohio
FIELDING, Kevin D.	Euclid, Ohio
FINAN, Emmett B., Jr.	Chicago, Illinois
FINDLING, Robert L.	Ludington, Michigan
FINGERHUT, Keith A.	North Judson, Indiana
FISCHER, George G.	Elmhurst, Illinois
FISHER, Marvin L.	River Grove, Illinois
FITZGERALD, Robert A.	Parma, Ohio
FLANAGAN, Joseph P.	Chicago, Illinois
FLYNN, Richard J.	Chicago, Illinois
FONTANETTA, Michael J.	Chicago, Illinois
FORD, Patrick F.	Chicago, Illinois
FORESTA, Donald A.	Buffalo, New York
FORTIN, Earl J.	Bay City, Michigan
FORTIN, Edwin A.	Whiting, Indiana
FORTIN, Michael W.	Bay City, Michigan
FORTIN, Roland B.	Manteno, Illinois
FOX, Edward C.	Fond du Lac, Wisconsin
FOX, John D.	Canton, Ohio
FOX, Raymond L.	Hooewood, Illinois
FRANCK, James E.	St. Henry, Ohio
FRANTZ, Gary L.	Chicago, Illinois
FRANZ, William H.	Gary, Indiana
FREDERICK, John M.	North Muskegon, Michigan
FREDERICKS, Thomas J.	Anderson, Indiana
FREEHILL, Thomas M.	Melvin, Illinois
FREIBURG, Michael C.	Lombard, Illinois
FREY, Ronald G.	Crown Point, Indiana
FRISZ, John M.	Chicago, Illinois
FRUEHE, Thomas F.	Lombard, Illinois
FUNK, Eugene R.	Joliet, Illinois
FUSCO, Charles J.	Chicago, Illinois
GAGLIANO, James S.	Chicago, Illinois
GALANTI, Leo F.	Chicago, Illinois
GALLAGHER, Harold J.	Chicago, Illinois
GALLAGHER, Kevin B.	Chicago, Illinois
GALLAGHER, Paul R.	Shelbyville, Indiana
GALLO, Richard E.	Berwyn, Illinois
GALVIN, John E.	Paducah, Kentucky
GASIOR, Robert M.	Chicago, Illinois

GATZA, James H.	Flint, Michigan
GATZA, Paul J.	Flint, Michigan
GEARY, Thomas W.	Chicago, Illinois
GEHRING, Robert P.	North Judson, Indiana
GEIMER, Albert C.	Chicago, Illinois
GENGLER, Robert H.	Aurora, Illinois
GERBA, Joseph C.	Whiting, Indiana
GIACOMIN, Louis A.	Gary, Indiana
GILBERT, Sheldon G.	Chicago, Illinois
GILLIS, John P.	Hammond, Indiana
GILMARTIN, Robert E.	Fitchburg, Massachusetts
GIOMETTI, Ronald P.	East Chicago, Indiana
GLEASON, William F.	Chicago, Illinois
GOBERVILLE, Raymond F., Jr.	Chicago, Illinois
GOELDI, John J.	Detroit, Michigan
GOGERTY, John D.	Danville, Illinois
GOLDRICK, Michael R.	Chicago, Illinois
GONTKO, Robert N.	Elmhurst, Illinois
GRAHAM, Donald J.	Goodland, Indiana
GRANNAN, William G.	Washington, Indiana
GREENE, James P.	Dover, New Hampshire
GREGORICH, Joseph E.	Joliet, Illinois
GROBNER, Frank E.	Chicago, Illinois
GROGAN, Walter R.	Danville, Illinois
GROSS, Lavern W.	Fort Recovery, Ohio
GROW, Claude H.	Chicago, Illinois
GRUBACH, Frank W.	Whiting, Indiana
GRUPENHOFF, Paul G.	Cincinnati, Ohio
GUANCI, Joseph M.	Villa Park, Illinois
GUERTIN, Ronald L.	Kankakee, Illinois
GUILFOILE, John F.	Ottawa, Illinois
GULASSA, Cyril M.	Whiting, Indiana
GULASSA, Joseph F.	Whiting, Indiana
GURGONE, Joseph M.	Chicago, Illinois
GUZZO, Henry V., Jr.	Elkhart, Indiana
HABING, Cletus H.	Teutopolis, Illinois
HACKMAN, Marvin L.	Jasper, Indiana
HAGEARTY, James C., II	Kankakee, Illinois
HAGYE, Richard J.	South Bend, Indiana
HAJEK, James J., Jr.	Berwyn, Illinois
HALLORAN, John J.	Chicago, Illinois
HAMMAN, Robert D.	Kentland, Indiana
HAMMER, John W.	Canal Fulton, Ohio
HANES, Gerald C.	Jackson, Michigan
HANFORD, Verle L.	Lake Village, Indiana
HANISH, Joseph J.	Whiting, Indiana
HANSEN, Robert C.	Berea, Ohio
HANSON, John C.	Maywood, Illinois
HARACZ, Thomas J.	Chicago, Illinois
HARDIN, Michael A.	Indianapolis, Indiana
HARLIN, Thomas P.	Chicago, Illinois
HART, David M.	Muncie, Indiana
HAVERTY, James B.	Chicago, Illinois
HAVILAND, James B.	Grand Rapids, Michigan
HAWES, Robert D.	Evansville, Indiana
HAWKINS, John J.	Evanston, Illinois

HAYDEN, Paul E.	Evansville, Indiana
HAYES, John J.	Chicago, Illinois
HAYS, James K.	Chicago, Illinois
HEBDA, Edwin T.	Chicago, Illinois
HECKMAN, Daniel J.	Glandorf, Ohio
HEEZEN, Donald C.	Evanston, Illinois
HEEZEN, Robert W.	Evanston, Illinois
HELVIE, James C.	Peru, Indiana
HENNEBERGER, Charles A.	Fowler, Indiana
HENNEKES, Edward H.	Cincinnati, Ohio
HENNESSY, William N., Jr.	Chicago, Illinois
HENSLEY, Kevin C.	Munster, Indiana
HERAKOVICH, John P.	Whiting, Indiana
HERBER, Lawrence J.	Fort Wayne, Indiana
HERMILLER, James B.	Ottawa, Ohio
HERSHMAN, John E.	Brook, Indiana
HEUER, Donald J.	Chicago, Illinois
HEURING, Harold P.	Hobart, Indiana
HIGGINS, Peter G.	Lockport, New York
HILL, Thomas L.	Highland, Indiana
HINDERS, Joseph T.	Celina, Ohio
HOFFMAN, Thomas C.	Monroe, Michigan
HOGAN, James F.	Merrill, Michigan
HOGAN, Patrick W.	Merrill, Michigan
HOLECEK, Arthur B.	Chicago, Illinois
HOLLAND, James C.	Goodland, Indiana
HOLMBERG, Thomas J.	River Forest, Illinois
HOLMES, Charles W.	Huntington Woods, Michigan
HOOD, William S., Jr.	Noblesville, Indiana
HORNEY, Joseph W.	Chicago, Illinois
HOUDE, Clement W.	Huntington, New York
HOUSER, Joseph A.	Coldwater, Michigan
HOWARD, Bruce N.	Rensselaer, Indiana
HOYING, Francis E.	Minster, Ohio
HUDECKI, Norman D.	Rensselaer, Indiana
HUGHEY, Philip C.	Franklin, Indiana
HUGUENARD, Ronald D.	Fort Wayne, Indiana
HUHN, Tom J.	Fort Wayne, Indiana
HUNTINE, James M.	Fort Wayne, Indiana
HYDE, Joseph P.	Indianapolis, Indiana
JAEGER, Carl W.	Muncie, Indiana
JAKUBICEK, Anthony R.	Chicago, Illinois
JAMES, George H., Jr.	Louisville, Kentucky
JANCICH, Gregory J.	Whiting, Indiana
JANUS, Marvin T.	Dearborn, Michigan
JARRETT, Farren L.	North Judson, Indiana
JENNINGS, Thomas W.	Chicago, Illinois
JENSEN, Robert L.	Medaryville, Indiana
JENSEN, Ronald L.	Chesterton, Indiana
JIM, Monroe M.	Gallup, New Mexico
JOHANN, James J.	Akron, Ohio
JONES, Thomas C.	Kendallville, Indiana
JURIK, Paul P.	Chicago, Illinois
KAJFEZ, Nil M.	Clare, Michigan
KALATA, Edward F.	Chicago, Illinois
KALISTER, Burton F.	Milwaukee, Wisconsin

KASING, John P.	Bellevue, Pennsylvania
KASPEROWICZ, Leonard D.	Hamtramck, Michigan
KASSEL, Wayne M.	Berwyn, Illinois
KASTNER, Albert R.	Charleston, South Carolina
KEATING, William J.	Chicago, Illinois
KEEFE, Thomas J.	Chicago, Illinois
KELLER, Ronald E.	LaPorte, Indiana
KELLIHER, Neal B.	Chicago, Illinois
KELLY, Gerald E.	Kansas City, Missouri
KELLY, Thomas R., Jr.	Chicago, Illinois
KEWLEY, Joseph M.	Danville, Illinois
KILBOURNE, Robert F.	Elmhurst, Illinois
KILLOS, Paul J.	Gary, Indiana
KINGSBURY, Jerome L.	Chicago, Illinois
KINSTLE, Thomas F.	Fort Wayne, Indiana
KIRKPATRICK, George A.	Ann Arbor, Michigan
KITT, Nicholas A.	Cincinnati, Ohio
KLAFTA, Leonard A., Jr.	Kankakee, Illinois
KLAREN, Kenneth W.	Elmhurst, Illinois
KLIMCAK, John K.	Chicago, Illinois
KLOCKENKEMPER, Edward J.	Batchtown, Illinois
KLOPKE, (Rev.) John R.	Collegeville, Indiana
KNAUS, Ronald W.	Chicago, Illinois
KNEIP, Joseph A.	Cincinnati, Ohio
KNIGHT, Raymond J.	Schererville, Indiana
KOBLESKY, Robert T.	Harvey, Illinois
KOBZA, John R.	Gary, Indiana
KOCH, Richard F.	Mt. Prospect, Illinois
KOERNER, Martin G.	Joliet, Illinois
KOESLER, Norbert A.	Vinita, Oklahoma
KOLACZYK, Edward M.	South Bend, Indiana
KOLLY, Gerald F.	Mt. Clemens, Michigan
KOMINEK, Leo A.	Chicago, Illinois
KOPANDA, Frank A.	East Chicago, Indiana
KORTEPETER, Don C.	Indianapolis, Indiana
KOSTECKI, Jude W.	Oak Park, Michigan
KOSTYAL, John J.	Gary, Indiana
KOVACEVICH, George C.	Chicago, Illinois
KOVITCH, Joseph P.	Berwyn, Illinois
KOZAKIEWICZ, Albert J.	Chicago, Illinois
KOZLEVCAR, Carl J.	Joliet, Indiana
KRAL, Wayne M.	Cicero, Illinois
KRETZ, Norbert D.	Oak Park, Illinois
KRIETER, Robert C.	Franklin Park, Illinois
KREITZ, Paul B.	Akron, Ohio
KRUSE, William F.	Decatur, Indiana
KRUSHANSKY, Joseph C.	South Bend, Indiana
KUBACKI, James L.	Toledo, Ohio
KUBASIEWICZ, Edward P.	Detroit, Michigan
KUMICICH, Richard A.	Chicago, Illinois
KUN, Louis J.	Fords, New Jersey
KUPIEC, John S., Jr.	Detroit, Michigan
KUZNIAR, Raymond J.	Chicago, Illinois
LABBE, Edward J.	Dover, New Hampshire
LACHNIGHT, Jerome E.	LeRoy, New York
LACKOVIC, Michael J.	North Riverside, Illinois

LA DRIG, James M.	Saginaw, Michigan
LAINE, Robert E.	Evansville, Indiana
LAIPPLY, Charles T.	Van Wert, Ohio
LAMB, Quentin W.	West Kankakee, Illinois
LAMOTT, Thomas Nelson	Fort Wayne, Indiana
LANCASTER, Charles E.	Lebanon, Kentucky
LANG, John J., Jr.	Chicago, Illinois
LA POINTE, Roger A.	Somersworth, New Hampshire
LAREAU, Bernard E.	Beaverville, Illinois
LASCHOB, Joseph J.	Evergreen Park, Illinois
LAUB, Danny G.	Elwood, Indiana
LAUFERSKY, George J.	North East Grand Rapids, Michigan
LAUSCH, Robert A.	Ottawa, Illinois
LAVELY, Charles J.	Cincinnati, Ohio
LAVERY, Raymond P.	Chicago, Illinois
LAWLER, Francis J.	Chicago, Illinois
LENCKI, Richard S.	Chicago, Illinois
LEONARD, William J.	Monroeville, Indiana
LETO, Joseph A.	Benton Harbor, Michigan
LEVENDOSKI, Joseph H.	Michigan City, Indiana
LEWANDOWSKI, Andrew P.	North Judson, Indiana
LEWCZYNSKI, Richard J.	Toledo, Ohio
LEWIS, William L.	Rensselaer, Indiana
LI (LEE), Robert C.	Jackson, Michigan
LIFFICK, Howard T.	Benton Harbor, Michigan
LILEIKIS, Charles A.	Chicago Heights, Illinois
LILLIG, John G.	Chicago, Illinois
LIM, Young Choul	Seoul, Korea
LINDEN, Jack D.	Dearborn, Michigan
LINGEN, George W., Jr.	Evergreen Park, Illinois
LINSKEY, Patrick M.	Skokie, Illinois
LOFTUS, Frank P.	Chicago, Illinois
LOGAN, Ralph B.	Louisville, Kentucky
LORBER, John J.	Evansville, Indiana
LOREY, Richard J.	Jasper, Indiana
LOVENYAK, Eugene S.	Chicago, Illinois
LOZEN, Norman D.	Mt. Clemens, Michigan
LUX, George M.	Chicago, Illinois
LYMAN, Daniel J.	Chicago, Illinois
MC CALPIN, Joseph P.	Ottawa, Ohio
MC CARTHY, George E.	Chicago, Illinois
MC CARTHY, John M.	Gary, Indiana
MC CARTHY, William J.	Chicago, Illinois
MC CARTY, Philip A.	Crystal Lake, Illinois
MC CUE, Jerome E.	Chicago, Illinois
MC DERMOTT, Edward P.	Detroit, Michigan
MC GOWAN, James M.	Paducah, Kentucky
MC GROGAN, William J.	South Bend, Indiana
MC GRUDER, Ernest E.	Indianapolis, Indiana
MC GUIRE, James S.	Fort Wayne, Indiana
MC INERNEY, Gerald J.	Chicago, Illinois
MC MAHAN, Hugh E.	Rensselaer, Indiana
MC MULLEN, Lawrence E.	Milwaukee, Wisconsin
MC NALLY, James B.	Beverly Shores, Indiana
MC PHARLIN, Philip R.	Dearborn, Michigan
MC POLIN, James J.	Chicago, Illinois

MC ROBERTS, Max J.	Schneider, Indiana
MACKEY, William R.	Rensselaer, Indiana
MAHER, Joseph P.	Chicago, Illinois
MAHER, Joseph R.	Joliet, Illinois
MAHONEY, Thomas F.	Chicago, Illinois
MAHONEY, Thomas F.	Indianapolis, Indiana
MALIK, Raymond S.	Cleveland, Ohio
MALINOWSKI, Stanley E.	Chicago, Illinois
MALONEY, Charles J.	Chicago, Illinois
MARIO, Thomas M.	Gary, Indiana
MARTIN, Leo J.	Chicago, Illinois
MARTIN, Roland F.	De Motte, Indiana
MARVAN, Jerome A.	Maywood, Illinois
MATLON, Joseph C.	Lansing, Illinois
MATUSEVIC, Felix W.	Chicago, Illinois
MEIER, Leo J.	Fond du Lac, Wisconsin
MEIRING, (Rev.) Bernard J.	Collegeville, Indiana
MELCHER, David D.	Chicago, Illinois
MELONE, George A.	Chicago, Illinois
MENNA, Phillip A.	Monroe, Michigan
MESSER, Thomas J.	Chicago, Illinois
METKER, LeRoy W.	Fort Wayne, Indiana
METTER, Ronald F.	Mt. Clemens, Michigan
MICHALSKI, Robert A.	Mansfield, Ohio
MIHALOV, Joseph B.	Whiting, Indiana
MILLER, John J.	Oak Park, Illinois
MILLER, Michael D.	Dearborn, Michigan
MILLER, William A.	Bellevue, Ohio
MILLS, Thomas A.	Akron, Ohio
MILOSCH, Dennis S.	Dearborn, Michigan
MISISCHIA, William W.	Joliet, Illinois
MITCHELL, Robert J.	Chicago, Illinois
MOHR, Edward M., Jr.	Elmhurst, Illinois
MONCZYNSKI, Fred J.	Chicago, Illinois
MONTEMURRO, James A.	Chicago, Illinois
MOORE, Robert W.	Danville, Illinois
MOORE, William W.	Evergreen Park, Illinois
MOORMAN, Donald L.	Minster, Ohio
MORRISETTE, Joseph R.	Somersworth, New Hampshire
MORRISON, John W.	Grand Rapids, Michigan
MORRISON, William C.	Chicago, Illinois
MORTENSEN, Lawrence J., Jr.	Chicago, Illinois
MUCHA, Marvin F.	Chicago, Illinois
MUELLER, Albert J.	Chicago, Illinois
MULCAHEY, Francis P.	Allerton, Illinois
MULLEN, Charles F.	Dallas, Texas
MURPHY, Glenn E.	Chicago, Illinois
MURPHY, Michael J.	Winchester, Massachusetts
MURRAY, John M.	Lorain, Ohio
NAAB, Robert C.	Rock Island, Illinois
NEAL, William T.	South Bend, Indiana
NEFF, John C.	Akron, Ohio
NELSON, Robert S.	Whiting, Indiana
NEMETH, Oscar E.	North Liberty, Indiana
NEUMAN, Thomas C.	Fort Wayne, Indiana
NEVILLE, David D.	Dwight, Illinois

NEVILLE, Thomas J.	Falls Church, Virginia
NEVILLE, Thomas K.	Dwight, Illinois
NEVILLE, William D., Jr.	Dwight, Illinois
NICCOLAI, Raymond J.	Oak Park, Illinois
NIEMEYER, James E.	Teutopolis, Illinois
NIEMIEC, Theodore P.	East Chicago, Indiana
NOLL, James E.	Fort Wayne, Indiana
NOMINA, Francis J.	Delphos, Ohio
OBERGFELL, Richard R.	Indianapolis, Indiana
O'BRIEN, James A.	Cincinnati, Ohio
O'BRIEN, Richard A.	Huntington Woods, Michigan
O'BRIEN, Robert E.	Chicago, Illinois
O'BRIEN, Timothy J.	Chicago, Illinois
OBROCHTA, Walter F.	Chicago, Illinois
O'BRYAN, James L.	Owensboro, Kentucky
O'CONNOR, James P.	Jackson, Michigan
O'DONNELL, Bernard E.	Anderson, Indiana
OEHMKE, Richard W.	St. Clair, Michigan
OEN, Edward J.	St. Marys, Ohio
O'HAGAN, Terrence J.	Dearborn, Michigan
O'LEARY, John J.	Chicago, Illinois
OLMSTEAD, Vernon E.	Davison, Michigan
O'MARA, Larry E.	Hammond, Indiana
O'NEIL, John Patrick	Joliet, Illinois
O'NEIL, John Philip	Goodland, Indiana
ONOFREY, Robert E.	Detroit, Michigan
OPARA, Patrick U.	Lagos, Nigeria
O'REILLY, Francis M.	Kankakee, Illinois
O'REILLY, Frank J.	Chicago, Illinois
O'ROURKE, Thomas F.	Griffith, Indiana
ORT, Daniel P.	Fort Wayne, Indiana
ORTH, Donald E.	Evansville, Indiana
O'TOOLE, Thomas J.	Griffith, Indiana
OWEN, Carroll J.	Fort Wayne, Indiana
PABST, Gerald M.	Chicago, Illinois
PAGE, Thomas F.	Chicago, Illinois
PALMER, Victor D.	Michigan City, Indiana
PANEK, Joseph R.	Chicago, Illinois
PANYARD, Thomas A.	Muskegon, Michigan
PAONESSA, John J.	Chicago, Illinois
PAREJKO, James E.	Chicago, Illinois
PARENT, Gilbert A.	Welland, Ontario
PARISI, Joseph D.	Falls Church, Virginia
PARKER, Robert J.	Springfield, Illinois
PARKS, Paul E.	Canton, Ohio
PASQUIL, Manuel J.	Junction City, Kansas
PASTERZ, Frank J., Jr.	Chicago, Illinois
PATE, Victor B.	Danville, Illinois
PATTERSON, Jerome C., Jr.	Gary, Indiana
PAZANIN, Robert A.	Chicago, Illinois
PENDER, James P.	Fort Sheridan, Illinois
PENNING, Howard L.	Springfield, Illinois
PEROWITZ, Anthony L.	Flint, Michigan
PERSELL, Thomas N.	South East Massillon, Ohio
PETERKA, Roger A.	Chicago, Illinois
PETRIN, Gregory, J.	Hammond, Indiana

PFAHLER, Donald J.	Warsaw, Indiana
PHILLIPP, Thomas J.	Fort Wayne, Indiana
PICARD, Norman C.	Akron, Ohio
PILAT, Chester J.	Monroe, Michigan
PIRIANO, Joseph M.	Chicago, Illinois
PITT, Robert F.	St. Joseph, Michigan
PLUTH, Harold J.	Hebron, North Dakota
PONIC, Joseph J.	Chicago, Illinois
PONKO, Joseph M.	Chicago, Illinois
POTZLER, John C.	Plymouth, Indiana
POWERS, James E.	Riverside, Illinois
POWERS, Mark J.	Chicago, Illinois
PRESTEL, Gerald H.	Cedarville, Michigan
PRIOR, Robert F.	Chicago, Illinois
PRULLAGE, Donald L.	Vincennes, Indiana
PUJO, Rodomer M.	Gary, Indiana
QUARTUCH, Joseph S.	Michigan City, Indiana
QUINLAN, John L., Jr.	Chicago, Illinois
QUINN, Thomas R.	Chicago, Illinois
RAFFERTY, George F.	Canton, Ohio
RAGLAND, Harry R.	Whiting, Indiana
RAIH, Frederick C.	Marion, Indiana
RAINFORD, James E.	Lake Village, Indiana
RAPP, Robert L.	East St. Louis, Illinois
REDELMAN, Roger L.	Kouts, Indiana
REGAN, John A.	Chicago, Illinois
REZEK, Richard A.	Berwyn, Illinois
RICHERT, John L.	Kankakee, Illinois
RICKORD, George A.	Chicago, Illinois
RIEDY, Charles W.	Tiffin, Ohio
RIEDY, James A.	Naperville, Illinois
RIEGLE, William E.	Kentland, Indiana
RIFFE, William B.	Anderson, Indiana
RIHM, Gene F.	Greenfield, Indiana
ROACHE, Charles W.	Chicago, Illinois
ROBINSON, Clifford F.	Indianapolis, Indiana
ROBINSON, Henry L.	Cicero, Illinois
RODAK, Anthony F.	Cleveland, Ohio
RODI, Donald R.	Chicago, Illinois
RODI, Ronald H.	Chicago, Illinois
RODRIGUEZ, William A.	San Juan, P.R.
ROGERS, James V.	Oak Park, Illinois
ROGOVICH, Daniel L.	Chicago, Illinois
ROHAN, Charles	Salzburg, Austria
ROMAN, Edwin A.	Jackson, Michigan
ROMANO, Francis R.	Saudi, Arabia
ROSSMANITH, Walter W.	Rensselaer, Indiana
ROTH, Henry R.	Aurora, Illinois
ROUEN, Thomas F.	Highland Park, Michigan
RUGGERI, Donald G.	Warren, Ohio
RUPPE, David R.	South Bend, Indiana
RUSINA, John J.	Joliet, Illinois
RYAN, John J., Jr.	Indianapolis, Indiana
RYAN, Thomas K.	Tinley Park, Illinois
RYDER, Frederick W.	Detroit, Michigan
SACK, Joseph R.	Adrian, Michigan

SADOWSKI, Richard W.	Detroit, Michigan
ST. AMOUR, James L.	Chicago, Illinois
ST. PETER, Francis X.	Menominee, Michigan
SALEDA, Marion E.	Ottawa, Illinois
SALERNO, Albert A.	Niles, Ohio
SALIGA, George J.	Whiting, Indiana
SALVAIL, Ronald J.	Nashua, New Hampshire
SALVATO, Donald S.	Warren, Ohio
SAYERS, Robert B.	Chicago, Illinois
SCALA, Alphonse R.	Chicago, Illinois
SCALES, John W.	Charleston, West Virginia
SCHALK, Raymond J.	Indianapolis, Indiana
SCHEER, John M.	Chicago, Illinois
SCHEETZ, Joseph F.	Canfield, Ohio
SCHENKING, Gerald J.	Dayton, Ohio
SCHERSCHEL, Paul W.	Gary, Indiana
SCHLESSER, James A.	River Grove, Illinois
SCHMIDT, Lawrence L.	Northbrook, Illinois
SCHMIDT, Paul F.	Culver, Indiana
SCHMIT, Louis L.	Maria Stein, Ohio
SCHMITZ, Robert J.	Chicago, Illinois
SCHNEIDER, Ralph J.	Bellevue, Ohio
SCHOMP, Gerald H.	Toledo, Ohio
SCHREMS, Jack J.	Saginaw, Michigan
SCHUCKEL, Ronald R.	Fort Wayne, Indiana
SCHULER, Ronald F.	Batavia, Illinois
SCHULER, William J.	Cary, Illinois
SCHULTE, William F.	Park Hill (Covington), Kentucky
SCHUMACHER, Peter L.	South Bend, Indiana
SCHUSTER, (Rev.) Vincent F.	Canton, Ohio
SCHWEGEL, Robert J.	Alton, Illinois
SCHWENKEL, Raymond H.	Chicago, Illinois
SCOTT, Roger J.	Chicago, Illinois
SCROGGINS, William F.	Kankakee, Illinois
SEITZ, John F.	Louisville, Kentucky
SELINGER, Jerome J.	Hamilton, Ontario, Canada
SETTLES, James H.	Kankakee, Illinois
SHANAHAN, Dennis A.	Chicago, Illinois
SHEPARD, Donald W.	Chicago, Illinois
SHERWOOD, George A.	Long Beach, California
SHONKWILER, Darrell C.	Manteno, Illinois
SHUSTER, Harold A.	Rensselaer, Indiana
SIEBERT, Edward S.	Chicago, Illinois
SIENER, Francis T.	Indianapolis, Indiana
SIERAKOWSKI, Frederick D.	Chicago, Illinois
SIMALA, Joe A.	Valparaiso, Indiana
SIMON, Timothy D.	Massillon, Ohio
SIPOS, Joseph A.	Gary, Indiana
SKINNER, Thomas E.	Flint, Michigan
SKORUPA, Robert F.	Lansing, Illinois
SLADEK, Jerry J.	Cicero, Illinois
SLIGER, David P.	Clawson, Michigan
SMITH, Anthony M.	Lakewood, Ohio
SMITH, Harold D.	Rensselaer, Indiana
SMITH, John O., Jr.	Mt. Clemens, Michigan
SMITH, John W.	River Forest, Illinois

SMITH, Robert E.	Chicago, Illinois
SMITH, Robert O.	Fort Wayne, Indiana
SNYDER, Keith A.	Chicago, Illinois
SNYDER, Raymond W.	Massillon, Ohio
SOBOTA, James J.	Hammond, Indiana
SPICKA, Richard W.	Michigan City, Indiana
SPIELMAN, Charles E.	Canton, Ohio
STANG, Thomas E.	New York City
STANO, Jerome S.	Chicago, Illinois
STAPLETON, Edward F., Jr.	Hinsdale, Illinois
STARK, Lawrence F.	Chicago, Illinois
STATION, James E.	Flossmoor, Illinois
STEFANELLI, John R.	Gary, Indiana
STEINKE, Carvel R.	Wapakoneta, Ohio
STEPANSKI, Edward J.	Royal Oak, Michigan
STEWART, Robert J.	Chicago, Illinois
STOCKELMAN, George R.	Cincinnati, Ohio
STONE, Robert G.	River Forest, Illinois
STRAUSS, Richard F.	Oak Lawn, Illinois
STRAWNIAK, Bohdan B.	Chicago, Illinois
STRAZA, Donald S.	Chicago, Illinois
STRENK, James J.	Chicago, Illinois
STREZO, Frank A.	East Chicago, Indiana
STRYCK, Aloysius J.	Chicago, Illinois
STUBER, John T.	Mingo Junction, Ohio
STUCKER, Fred J.	Chicago, Illinois
STUCKER, Paul J.	Chicago, Illinois
STUCKER, Thomas B.	Chicago, Illinois
STUKENBORG, Henry A.	Donaldson, Indiana
SULLIVAN, James F.	Melrose Park, Illinois
SULLIVAN, Robert W.	Anderson, Indiana
SURDY, Stanley R.	Whiting, Indiana
SUTKOWSKI, Robert E.	East Chicago, Indiana
SUTTER, Richard P.	Strongsville, Ohio
SWANSON, Roy J.	Grayslake, Illinois
SWANSTON, William J.	Chicago, Illinois
SWIERKOWSKI, Paul J.	Chicago, Illinois
SZYMANSKI, Frank X.	Chicago, Illinois
TABAKA, Lynn F.	Urbana, Illinois
TACOLLA, Nickolas J.	Detroit, Michigan
TARDIF, Joseph A.	River Rouge, Michigan
TEGTMAYER, James O.	Pekin, Illinois
TEMPLE, Paul E.	Toledo, Ohio
TERESI, Anthony C.	Rensselaer, Indiana
THIEL, Heinz D.	Duderstadt, Germany
THIEL, Richard J.	Detroit, Michigan
THOBE, Urban A.	Dayton, Ohio
THOMAS, Theodore, Jr.	Hammond, Indiana
THORPE, David P.	Chicago, Illinois
THURESON, James H.	Chicago, Illinois
TIERNEY, Michael J.	Chicago, Illinois
TITE, Ralph W.	Chicago, Illinois
TOBIN, John A.	Chicago, Illinois
TOBIN, Richard W.	Chicago, Illinois
TODD, Donald A.	Fort Wayne, Indiana
TOMASZEWSKI, Edwin L.	Chicago, Illinois

TONIELLI, Renald W.	Marseilles, Illinois
TOVSEN, Ronald L.	Gary, Indiana
TROHA, George P.	Lockport, Illinois
TURK, Joseph J.	Maple Park, Illinois
TURNER, John C.	Sidney, Ohio
UECKER, Roger L.	Fort Wayne, Indiana
UECKER, Thomas J.	Fort Wayne, Indiana
UNGER, Frank J.	Chicago, Illinois
URBAN, Irwin S.	Kalamazoo, Michigan
URBAN, James B.	Monticello, Indiana
VALENCIK, Robert J.	Whiting, Indiana
VALENTE, Edwin F.	Chicago, Illinois
VALENTE, Irving J.	Chicago, Illinois
VALLIN, Richard T.	Racine, Wisconsin
VANDERBOSCH, Richard A.	South Bend, Indiana
VANDER LEY, John W.	Chicago, Illinois
VARGO, John R.	Whiting, Indiana
VAUGHAN, Charles F.	Rockford, Illinois
VERDEYEN, David L.	Gary, Indiana
VIETZEN, Charles R.	Oak Park, Illinois
VILARDO, Ross J.	West Branch, Michigan
VINCENT, Herbert J.	Buffalo, New York
VOELKER, Jacob U.	Calumet City, Illinois
VOGLEWEDE, Charles J.	Decatur, Indiana
VOLTZ, William E.	Chicago, Illinois
VONDERWELL, Ivo G.	Delphos, Ohio
VORRIER, Robert J.	Chicago, Illinois
VRANICAR, Leonard R.	Chicago, Illinois
VRDOLYAK, Edward R.	Chicago, Illinois
VYGRALA, Jerry R.	Hobart, Indiana
VYHNAL, Richard F.	Elmhurst, Illinois
WABER, Daniel R.	Chicago, Illinois
WADAS, Thomas A.	Chicago, Illinois
WADDICK, Robert F.	Chicago, Illinois
WALDRON, Ronald R.	Oak Park, Illinois
WALKER, Gerald F.	Evergreen Park, Illinois
WALKER, James E.	Kentland, Indiana
WALL, Gerald J.	Chicago, Illinois
WALSH, Jerome J.	Akron, Ohio
WALTER, Elmar A.	Cleveland, Ohio
WALTERS, William R.	Hammond, Indiana
WANNEMACHER, Carl E.	Payne, Ohio
WARNER, Peter O.	Elgin, Illinois
WEAVER, Daniel J.	Indianapolis, Indiana
WEBER, Maurice G.	St. Joseph, Michigan
WEBER, Robert J.	Milwaukee, Wisconsin
WEBER, Thomas C.	Ottoville, Ohio
WEBER, William E.	Ingraham, Illinois
WEEKS, James W.	Kankakee, Illinois
WEHRLE, Joseph E.	East Pittsburgh, Pennsylvania
WEIDENHAMER, Francis R.	Fort Wayne, Indiana
WEILAND, Ronald R.	Evergreen Park, Illinois
WEISHAAR, Donald L.	Brook, Indiana
WELLMAN, (Rev.) Paul E.	Collegeville, Indiana
WERR, Charles S.	Chicago, Illinois
WESTBERG, Michael B.	Chicago, Illinois

WETMORE, Terrence O.	Fort Wayne, Indiana
WHALEN, John M.	Chicago, Illinois
WHITE, George F.	Brook, Indiana
WHITE, John F.	Indianapolis, Indiana
WHITE, John J.	Chicago, Illinois
WHITE, Martin M.	Flint, Michigan
WIATR, Robert A.	Chicago, Illinois
WILES, Charles A.	Indianapolis, Indiana
WILKINSON, Daniel F., Jr.	Chicago, Illinois
WILLIAMS, Gene R.	Chicago, Illinois
WILSON, Charles E.	Indianapolis, Indiana
WILSON, John S.	Villa Park, Illinois
WINANS, Richard K.	Joliet, Illinois
WINDOM, Edward L.	Galesburg, Illinois
WIRTES, Joseph B.	Gary, Indiana
WITTRY, Frank J.	Aurora, Illinois
WOLF, John R.	Logansport, Indiana
WOLFE, William P.	Elmhurst, Illinois
WOLFRAM, Charles B.	LaGrange, Illinois
WONDERLY, Joseph W.	Huntington, Indiana
WOZNIAK, Lary	Chicago, Illinois
WUEST, Eugene F., Jr.	Chicago, Illinois
YANAN, William P.	Chicago, Illinois
YENGICH, Nicholas R.	Whiting, Indiana
YEOMAN, (Mrs.) Ruth M.	Rensselaer, Indiana
YOUNG, Gordon L.	South Bend, Indiana
YOUNG, John H.	Glencoe, Illinois
ZACH, Ronald R.	Evergreen Park, Illinois
ZAJDEL, Joseph J.	Gary, Indiana
ZAKES, Walter J.	Chicago, Illinois
ZAWODNY, Kenneth J.	Toledo, Ohio
ZEISEL, Leo A.	Chicago, Illinois
ZIMMERMAN, Rudolph N.	Gary, Indiana
ZVIJAK, John J.	Whiting, Indiana

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

California	1	Pennsylvania	4
Colorado	1	South Carolina	1
Illinois	387	Texas	1
Indiana	250	Virginia	3
Kansas	4	West Virginia	3
Kentucky	9	Wisconsin	5
Massachusetts	2	Arabia	1
Michigan	83	Austria	1
Missouri	1	Canada	3
New Hampshire	8	Germany	1
New Jersey	1	Korea	1
New Mexico	1	Nicaragua	1
New York	7	Nigeria	1
North Dakota	3	Puerto Rico	2
Ohio	93		
Oklahoma	1	Total	880

ALUMNI ASSOCIATION

Organized June 17, 1896, after the charter class of 1891 was graduated, the Alumni Association of Saint Joseph's College was established to foster the ties of friendship and cooperation that develop during student days. Membership is not limited to graduates; any former student who leaves in good standing automatically becomes an alumnus. The national secretary publishes a monthly bulletin, significantly named *Contact*, which is mailed to all members of the association. Alumni are invited to "open house" each year on the first convenient week-end after commencement, special invitations going out to classes commemorating respectively the fifth, tenth, fifteenth, twentieth, and twenty-fifth anniversary of their commencement day. The homecoming football game in the autumn is followed by a dance.

GIFTS AND BEQUESTS

Gifts and bequests of money, securities or real estate are gratefully received by Saint Joseph's College. Many additions have thus been made to the resources of the institution.

To serve the College in this way it is not necessary to make a large bequest. There are doubtless many who without injury to family or other interests could bequeath \$500, \$1,000, or \$5,000; and some who might bequeath a much larger sum.

Unless other use is specified, it is the general policy of the institution to designate funds so given as a part of the permanent endowment of the institution.

In order to be valid in most states, a will must be signed by the testator in the presence of at least two disinterested witnesses who should attest the instrument as such witnesses.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to the Board of Control of Saint Joseph's College, situated at Collegeville, Indiana, and to their successors forever, for the use of said institution in fulfillment of its general corporate purposes. (State here the sum of money which you desire to give, or describe the property or securities constituting the bequest.)

ANNUITIES

Anyone desiring to further the education of Catholic youth and the progress of training under Catholic auspices through the annuity plan may secure detailed information concerning the plan sponsored by Saint Joseph's College by writing to the Very Reverend President, Collegeville, Indiana.

INDEX

- Absence, leave of, 31
 Absence, excusable, 39
 Absences, penalties for, 38-40
 Accounting, courses in, 107-111
 Accreditation, 2
 Activities, student:
 Athletics, 22, 43
 Clubs, 28-29
 Dramatics, 28, 73-74
 Music, 19, 28-29, 72-73
 Organizations, 27-29
 Publications, 29
 Religious, 21, 29
 Student Council, 28
 Administration, officers of, 7
 Admission, procedures for, 35-37
 Agriculture, program in, 88
 Aims and Purpose, 13-14
 Athletics and Recreation, 22, 43
 Athletics, eligibility for, 43
 Attendance, chapel, 21
 Attendance, class, 38-40
 Automobile, use of, 32
 Awards, academic, 43-44

 Band, college, 29, 73
 Bank, student, 22
 Bequests, 155
 Biology, courses in, 76-80
 Board of Control, 6
 Books and supplies, 34
 Buildings and equipment, 16-19
 Business, courses in, 111-115

 Cafeteria, 16
 Calendar, College, 5
 Campus and Buildings, 16-17
 Catholic Action, 29
 Chapel, College, 16
 Charges, general and special, 32-33
 Chemistry, courses in, 80-84
 Choir, College, 28
 Class Attendance, 38-40
 Class load, student, 38
 Class schedule, 37
 Classification of students, 43
 Clubs, student, 28-29
 Correspondence, (Courses) 47
 Council, student, 28
 Counselor, faculty, 20, 30, 38
 Curriculum, organization of, 45-46
 Cut system, 38-40

 Day students, 31

 Dean's List, 40
 Degree in absentia, 49
 Degrees, requirements for, 47-49
 Disciplinary regulations, 30-32
 Dismissal for scholastic deficiency, 42
 Divisions of Instruction, 51
 Dramatics, 28, 74

 Economics, courses in, 115-118
 Education, courses in, 131-134
 Eligibility, athletic, 43
 Employment, student, 24, 26, 32
 Engineering, courses in, 85-96
 English, courses in, 62-66
 Entrance requirements, 35-37
 Expenses, student, 32-34

 Faculty and staff, 7-12
 Financial aid, 22, 24-26
 Financial regulations, 33-34
 Foreign language requirements, 46, 62, 67, 76, 82
 French, courses in, 70
 Freshman orientation, 20

 General Culture Test, 20, 46
 General Education, 13-14, 45
 Geology, courses in, 97-100
 German, courses in, 71
 G. I. Bill of Rights, 21-22
 Grade reports, 41-42
 Grading system, 41-42
 Graduate Record Examination, 20, 48
 Graduation, requirements for, 47-49
 Graduation with honors, 48-49
 Greek, courses in, 66-67
 Group Majors:
 Biology-Chemistry, 78
 English Journalism, 62, 69
 Mathematics-Physics, 71, 85
 Guidance, student, 20, 21, 30

 Health, service, 16, 21, 31
 History, courses in, 118-121
 History of the College, 16
 Honorable dismissal, 40
 Honors Seminar, 48-49
 Humanities, courses in, 61-62

 Index, scholastic, 42
 Infirmary service, 21, 31
 Instruction, Departments of, 51

 Journalism, courses in, 68-69

- Laboratories, science, 15-16
Language requirements, 62, 67, 76, 82
Late registration, 32, 37
Latin, courses in, 67
Laundry service, 31
Lay Trustees, Board of, 6
Leave of absence, 31
Library, College, 18
Loan fund, student, 22
Lower-level requirements, 45-46
- Major sequence, 47
Marketing, courses in, 111-115
Mathematics, courses in, 100-104
Military deferment, 23
Minor sequence, 47
Music, courses in, 72-73
- Natural sciences, divisional courses, 76
- Orientation for new students, 20
- Payment of accounts, 32-34, 40
Philosophy, courses in, 53-59
Philosophy requirements, 45, 47, 57
Physical Education, courses in, 135-138
Physics, courses in, 104-105
Placement bureau, 22
Placement tests, 20, 59
Politics, courses in, 122
Pre-legal program, 107
Pre-medical program, 75-ff
Pre-theology program, 56
Probation, scholastic, 42
Publications, student, 17, 28
Purpose and aims, 13-14
- Quality points, 41, 42, 47
- Recreational facilities, 17, 22-23
Refund policy, 34
Register of students, 1955-1956, 139-154
Registration, procedure, 37
Regulations:
 Disciplinary, 30-32
 Financial, 32-34
 Scholastic, 35-43, 45-49
Religion, courses in, 53-55
Religious exercises, 15, 21, 29
Requirements:
 Entrance, 35-37
 General Education, 45-46
 Graduation, 47-49
- Language, 46, 66, 72, 76
Lower-level courses, 45-46
Philosophy, 45, 47, 57
Physical education, 135
Religion, 45, 47, 53
Residence, 47
Teachers' certificates, 125-130
Upper-level courses, 46-47
Research, 19
Retreat, students', 21
- Schedule of classes, 37
Scholarships, 24-25
Scholastic Index, 41
Science laboratories, 19
Social sciences, divisional courses in, 95-97
Sociology, courses in, 123-124
Spanish, courses in, 71-72
Special examinations, 20, 33, 36
Speech, courses in, 73-74
Student:
 Aid, 22, 24-26
 Bank, 22
 Council, 27
 Discipline, 30-32
 Employment, 24, 26, 32
 Expenses, 32-34
 Guidance, 16, 20, 21, 30
 Handbook, 30
 Health, 17, 21, 31
 Loan fund, 22
 Organizations, 27-29
 Personnel services, 20-23
 Placement, 22
 Publications, 17, 28
 Retreat, 21
 Rooms, 31, 32
 Union, 27
 Wardrobe, 31
Teacher Training Program:
 Elementary education, 125, 127-128
 Secondary education, 125-127, 129-131
 Physical Education, 135-138
Testing program, 20, 36, 46, 60
Theology, courses in, 53
Tuition charges, 32
- Upper-level courses, 46-47
- Veterans, 22
Vocational guidance, 20, 22
- Wardrobe, student's, 31
Withdrawal from college, 40
Withdrawal from course, 40

DIRECTORY

Rensselaer, a city of four thousand, is situated in northwestern Indiana. On the Monon Route (Chicago, Indianapolis, and Louisville Railway), it is 73 miles southeast of Chicago, 50 miles southeast of Hammond, Indiana. Approached from the south, it is 110 miles northwest of Indianapolis, and 47 miles northwest of Lafayette. East and west railway lines connect with the Monon at various points — Chicago, Hammond, Lafayette, Delphi, Frankfort, and Indianapolis.

Saint Joseph's College (Collegeville) lies just outside the city's southern limits. Taxi service is available from the Rensselaer depot. U.S. 231 and Indiana State Highway 53, one of the main routes connecting Chicago and Indianapolis, passes through the College grounds. The Indiana Motor Bus Company, operating between Cincinnati and Chicago, uses Route 53 and will take on and let off passengers at Collegeville.

Mail should be addressed to:

Mr. _____
Box _____
Saint Joseph's College
Collegeville, Indiana

Telegraph by Western Union to:

Mr. _____
Box _____
Saint Joseph's College
Rensselaer, Indiana

Express, Freight, and Baggage should be addressed to:

Mr. _____
Box _____
Saint Joseph's College
Rensselaer, Indiana

TELEPHONE

Administration Building & Offices 800

